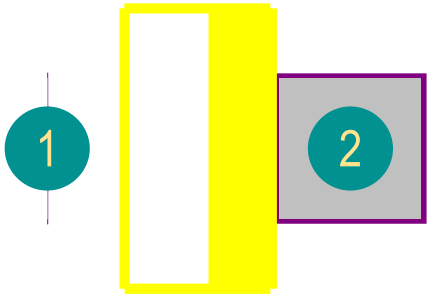
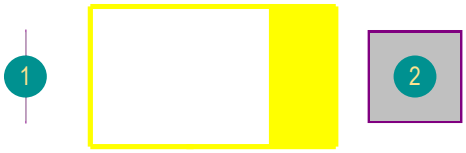
Protel PCB Library Report

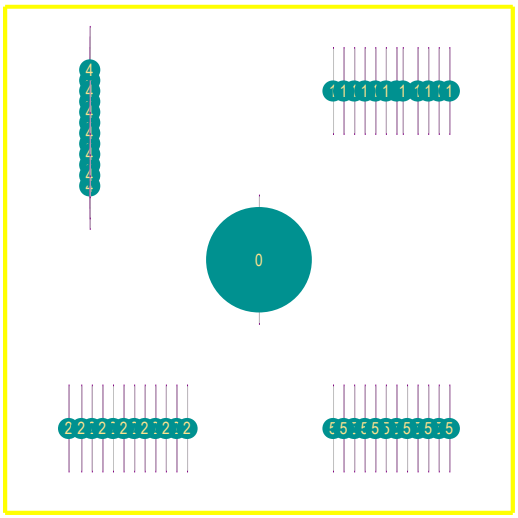
Library File Name	ElectroVolt Integrated Library V6\PCBlib.PcbLib
Library File Date/Time	Friday, June 5, 2020 6:30:18 AM
Library File Size	191958528
Number of Components	1896



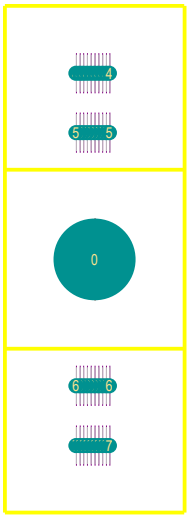
Library Reference	**1N5822-N**
Description	
Height	0mm
Dimension	8.972mm x 5.806mm
Number of Pads	2
Number of Primitives	9



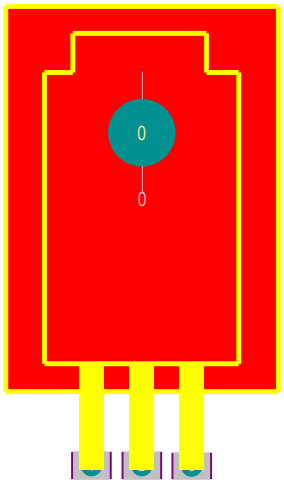
Library Reference	**1N5822-W**
Description	
Height	0mm
Dimension	18.943mm x 5.8mm
Number of Pads	2
Number of Primitives	9



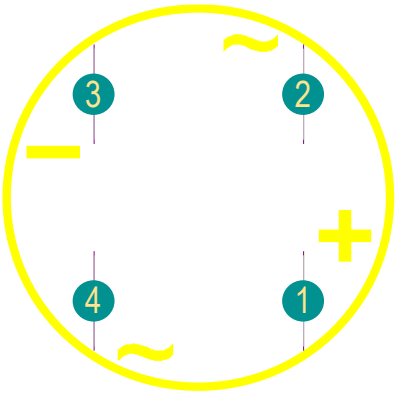
Library Reference	**1PH Rectifier**
Description	
Height	0mm
Dimension	30.734mm x 30.734mm
Number of Pads	49
Number of Primitives	53



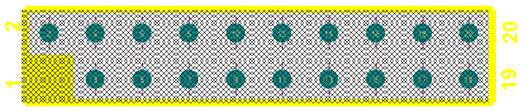
Library Reference	**2MBI150U4A-120G**
Description	
Height	0mm
Dimension	12.254mm x 34.254mm
Number of Pads	41
Number of Primitives	47



Library Reference	**2SD1416**
Description	NPN Power Transistor
Height	0mm
Dimension	14.404mm x 25.734mm
Number of Pads	5
Number of Primitives	21

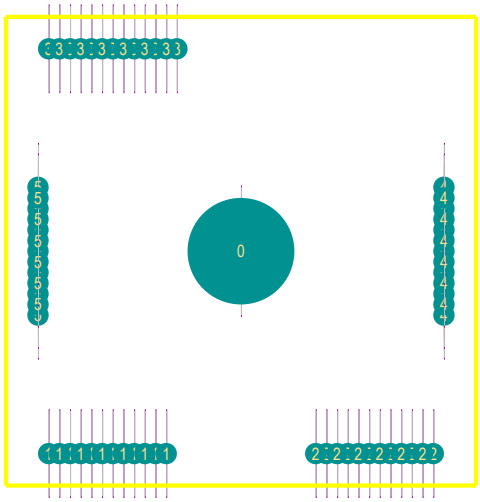


Library Reference	**2W06GM**
Description	Bridge Rectifiers, Lead Spacing 5.1mm
Height	5.5mm
Dimension	11.625mm x 9.5mm
Number of Pads	4
Number of Primitives	11

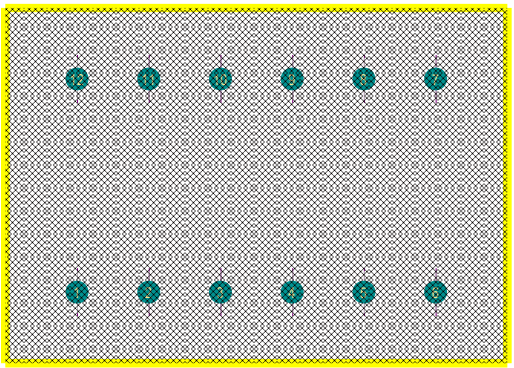


Library Reference	**2X10 2mm LVDS**
Description	
Height	0mm

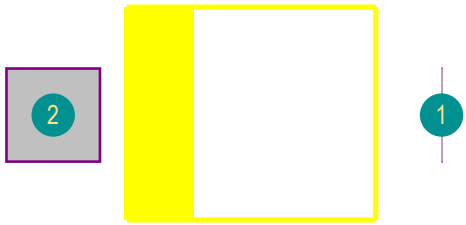
Dimension	21.956mm x 4.3mm
Number of Pads	20
Number of Primitives	30



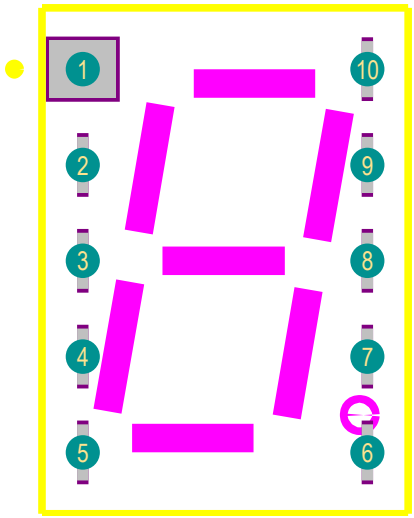
Library Reference	**3PH DIODE BRIDGE**
Description	
Height	0mm
Dimension	29.413mm x 29.413mm
Number of Pads	64
Number of Primitives	68



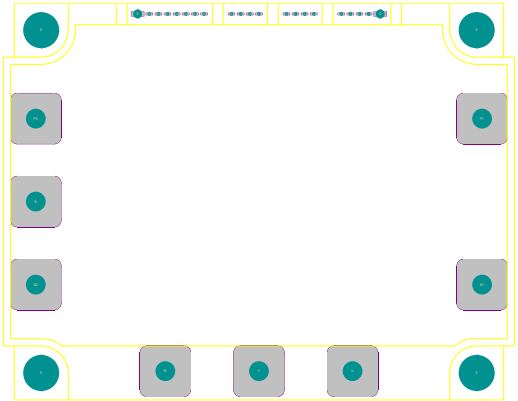
Library Reference	**5x7 0.7 inch dot matrix**
Description	
Height	0mm
Dimension	18.08mm x 13mm
Number of Pads	12
Number of Primitives	17



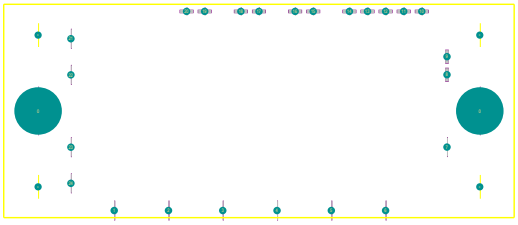
Library Reference	**6A10**
Description	
Height	0mm
Dimension	18.689mm x 8.455mm
Number of Pads	2
Number of Primitives	7



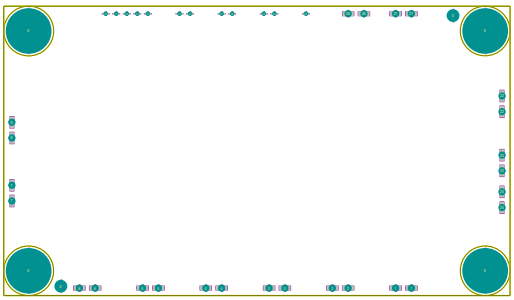
Library Reference	**7-Segment-F**
Description	LED, 7-Segment Display, 10.16 mm, RHD; 10 Leads; Row Space 7.62 mm; Pitch 2.54 mm
Height	6.34mm
Dimension	10.895mm x 13.6mm
Number of Pads	10
Number of Primitives	23



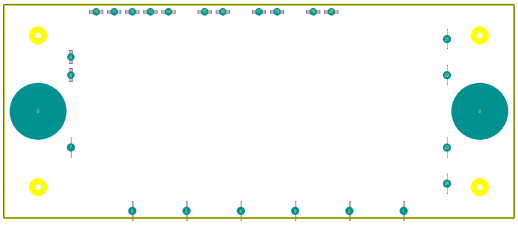
Library Reference	**7MBP-VEA**
Description	
Height	0mm
Dimension	142.254mm x 110.254mm
Number of Pads	33
Number of Primitives	77



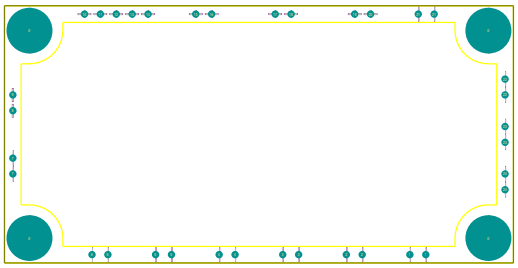
Library Reference	**7MBR30SA060**
Description	
Height	0mm
Dimension	107.805mm x 45.953mm
Number of Pads	30
Number of Primitives	34



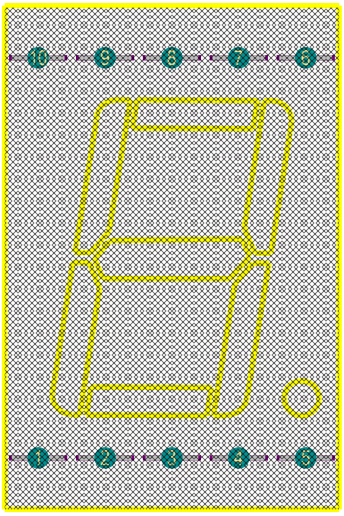
Library Reference	**7MBR50SD120**
Description	
Height	0mm
Dimension	122.309mm x 70.585mm
Number of Pads	44
Number of Primitives	60



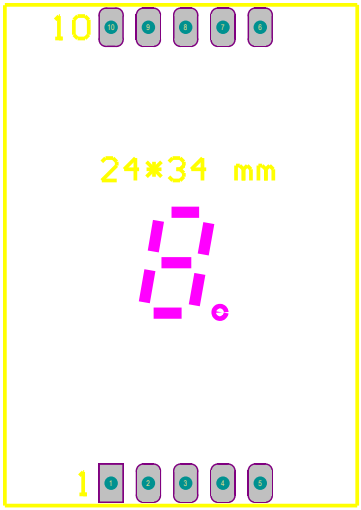
Library Reference	**7MBRxxSAxxx**
Description	
Height	0mm
Dimension	107.805mm x 45.953mm
Number of Pads	26
Number of Primitives	38



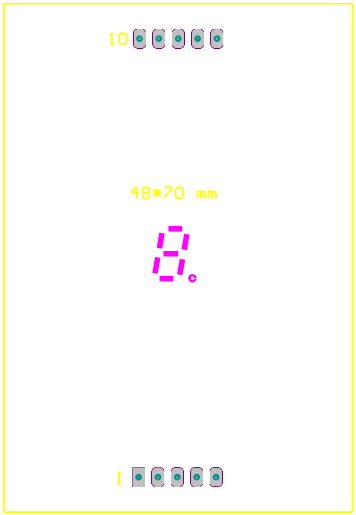
Library Reference	**7MBRxxSBxxx**
Description	
Height	0mm
Dimension	122.305mm x 62.305mm
Number of Pads	39
Number of Primitives	63



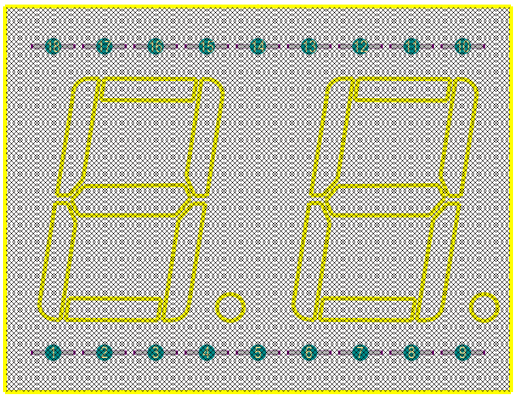
Library Reference	**7Seg-1-12.7x19.1mm**
Description	7Seg Display; 10 Leads; Body 12/7x19/1mm
Height	8.3mm
Dimension	12.9mm x 19.325mm
Number of Pads	10
Number of Primitives	57



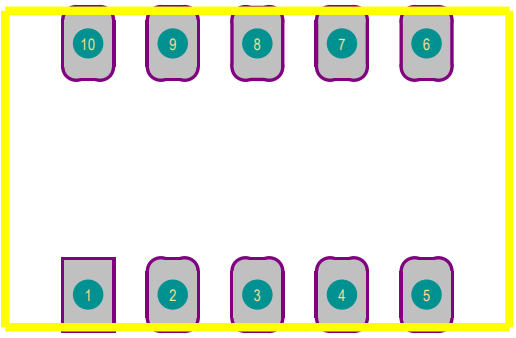
Library Reference	**7seg-1-24x34mm**
Description	7Seg Display; 10 Leads; Body 24x34mm
Height	34mm
Dimension	24.257mm x 34.29mm
Number of Pads	10
Number of Primitives	25



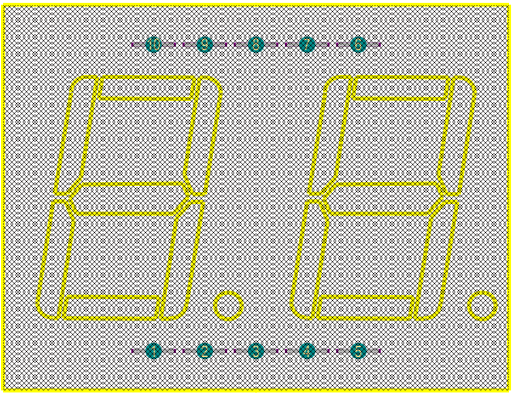
Library Reference	**7seg-1-48x70mm**
Description	7Seg Display; 10 Leads; Body 48x70mm
Height	70mm
Dimension	48.254mm x 70.231mm
Number of Pads	10
Number of Primitives	25



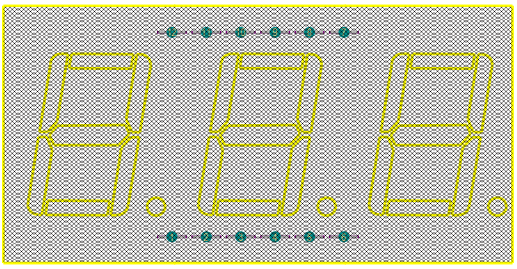
Library Reference	**7Seg-2-25x19.1mm**
Description	7Seg Display, 18-Leads, Body 25x19/1mm
Height	8.3mm
Dimension	25.3mm x 19.325mm
Number of Pads	18
Number of Primitives	108



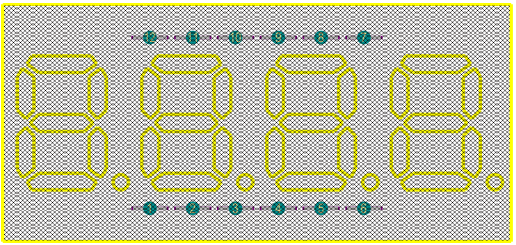
Library Reference	**7Seg-MPX2-15*10mm**
Description	2 digit 7segment multiplexing
Height	6mm
Dimension	15.414mm x 9.923mm
Number of Pads	10
Number of Primitives	14



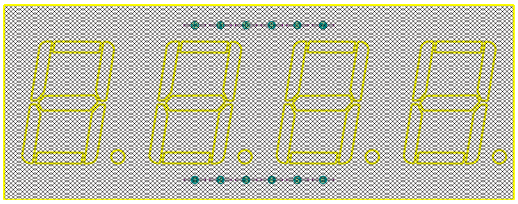
Library Reference	**7Seg-MPX2-25x19.1mm**
Description	7Seg Display, 10-Leads, Body 25x19/1mm
Height	8.3mm
Dimension	25.3mm x 19.325mm
Number of Pads	10
Number of Primitives	100



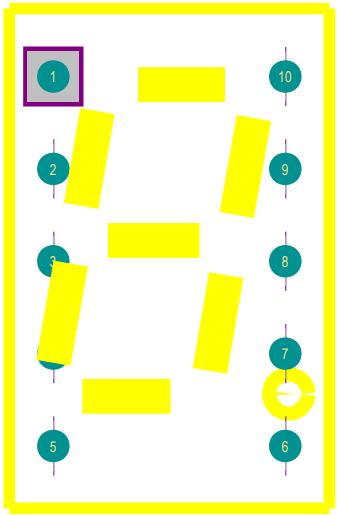
Library Reference	**7Seg-MPX3-37.6x19.1mm**
Description	Display, 12-Leads, Body 37/6x19/1mm
Height	8.3mm
Dimension	37.8mm x 19.325mm
Number of Pads	12
Number of Primitives	145



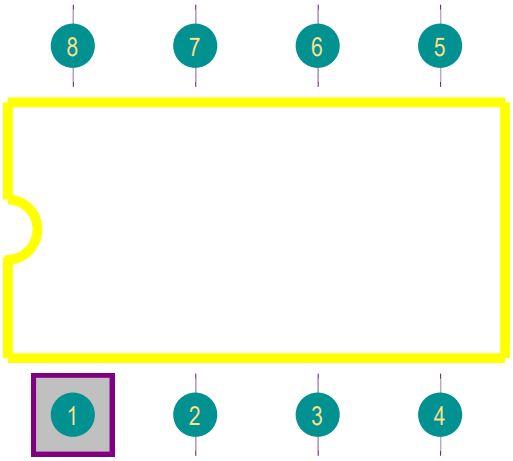
Library Reference	**7Seg-MPX4-30.2x14.1mm**
Description	Display, 12-Leads, Body 30/2x14/1mm
Height	7.3mm
Dimension	30.4mm x 14.3mm
Number of Pads	12
Number of Primitives	190



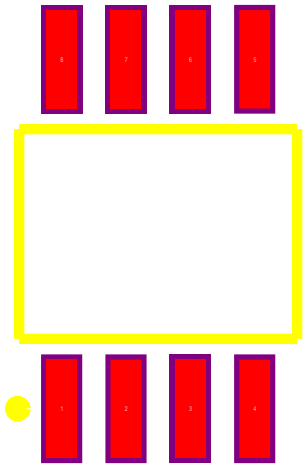
Library Reference	**7Seg-MPX4-50.5x19.1mm**
Description	Display, 12-Leads, Body 50.5x19/1mm
Height	8.3mm
Dimension	50.7mm x 19.325mm
Number of Pads	12
Number of Primitives	188



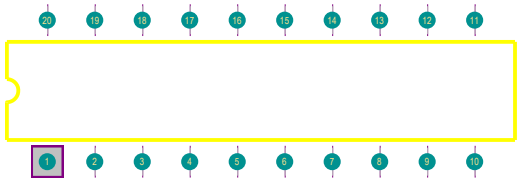
Library Reference	**7SEG-uls-3121**
Description	
Height	0mm
Dimension	7.254mm x 11.254mm
Number of Pads	10
Number of Primitives	22



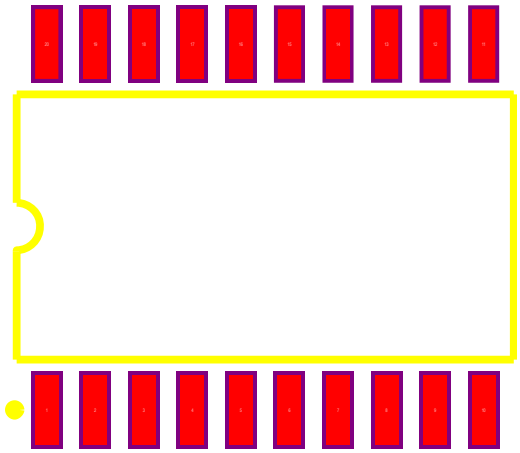
Library Reference	**8P3**
Description	DIP; 8 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.33mm
Dimension	10.5mm x 9.323mm
Number of Pads	8
Number of Primitives	14



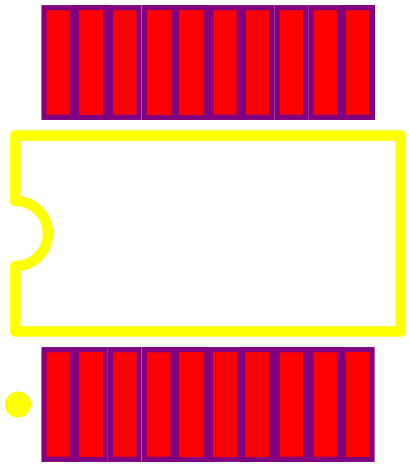
Library Reference	**8S2**
Description	Small Outline; 8 Leads; Body Width 5.3 mm; Pitch 1.27 mm
Height	2.03mm
Dimension	5.865mm x 9.003mm
Number of Pads	8
Number of Primitives	14



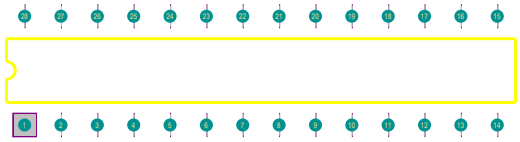
Library Reference	**20P3**
Description	DIP; 20 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.33mm
Dimension	27.4mm x 9.323mm
Number of Pads	20
Number of Primitives	26



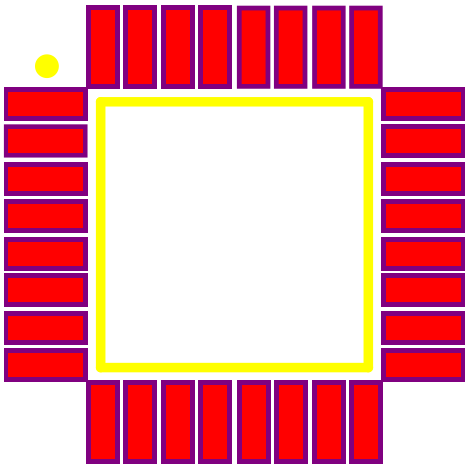
Library Reference	**20S**
Description	Small Outline; 20 Leads; Body Width 7.5 mm; Pitch 1.27 mm
Height	2.67mm
Dimension	13.415mm x 11.653mm
Number of Pads	20
Number of Primitives	27



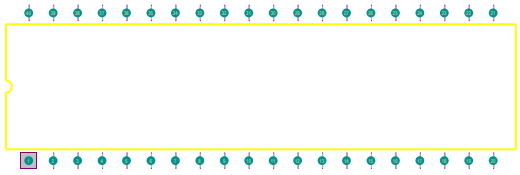
Library Reference	**20Y**
Description	SSOP; 20 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	1.99mm
Dimension	7.8mm x 8.903mm
Number of Pads	20
Number of Primitives	27



Library Reference	**28P3**
Description	DIP; 28 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	4.58mm
Dimension	35.76mm x 9.323mm
Number of Pads	28
Number of Primitives	34

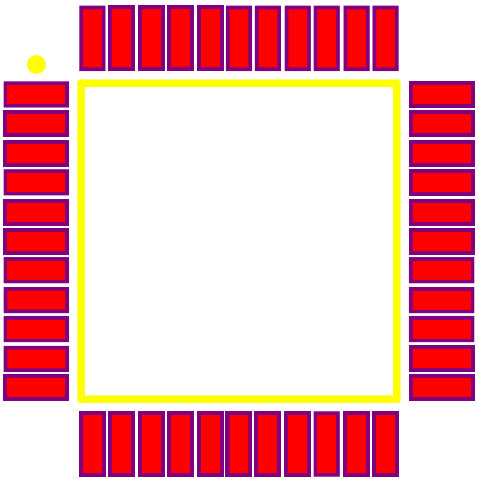


Library Reference	**32A**
Description	QFP; 32 Leads; Body 7 x 7 mm; Pitch 0.8 mm
Height	1.2mm
Dimension	9.803mm x 9.803mm
Number of Pads	32
Number of Primitives	37

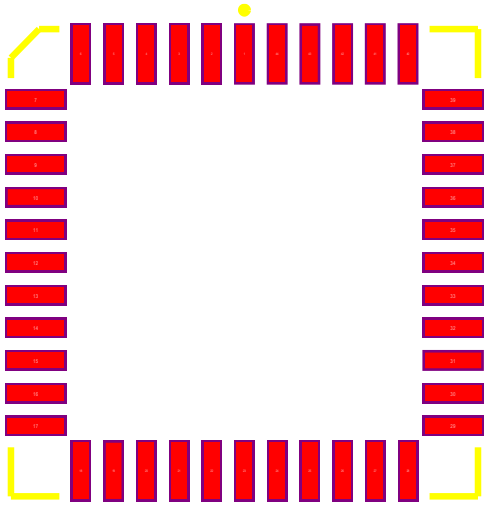


Library Reference	**40P6**
Description	DIP; 40 Leads; Row Spacing 15.24 mm; Pitch 2.54 mm
Height	5.59mm

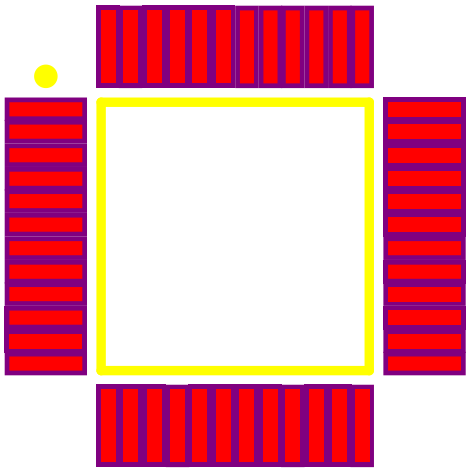
Dimension	53.2mm x 16.943mm
Number of Pads	40
Number of Primitives	46



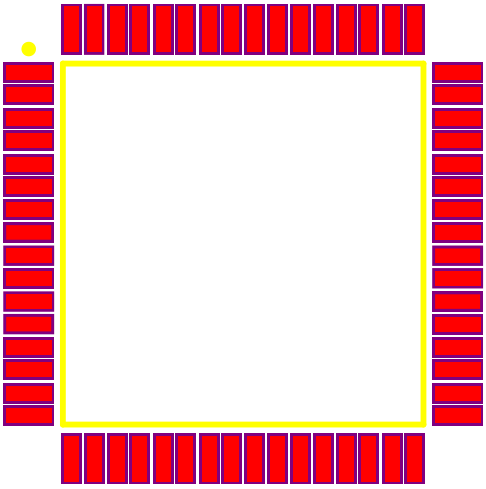
Library Reference	**44A**
Description	QFP; 44 Leads; Body 10 x 10 mm; Pitch 0.8 mm
Height	1.2mm
Dimension	12.803mm x 12.803mm
Number of Pads	44
Number of Primitives	49



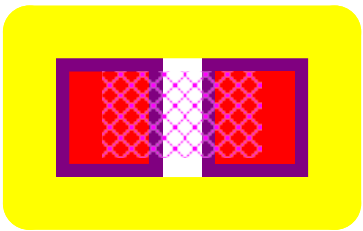
Library Reference	**44J**
Description	Leaded Chip Carrier; 44 Leads; Body 16.5 x 16.5 mm
Height	4.57mm
Dimension	18.603mm x 19.352mm
Number of Pads	44
Number of Primitives	54



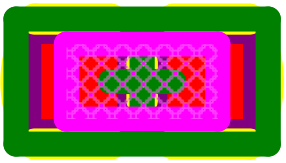
Library Reference	**48A**
Description	QFP; 48 Leads; Body 7 x 7 mm; Pitch 0.5 mm
Height	1.6mm
Dimension	10.003mm x 10.003mm
Number of Pads	48
Number of Primitives	53



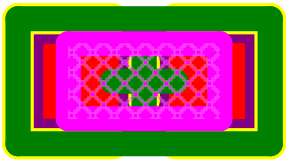
Library Reference	**64A**
Description	QFP; 64 Leads; Body 14 x 14 mm; Pitch 0.8 mm
Height	1.2mm
Dimension	16.803mm x 16.803mm
Number of Pads	64
Number of Primitives	69



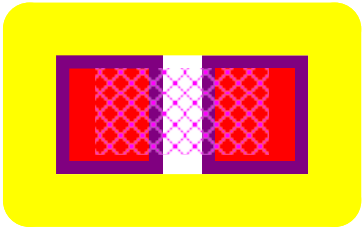
Library Reference	**0201_C**
Description	Capacitor
Height	0mm
Dimension	1.35mm x 0.85mm
Number of Pads	2
Number of Primitives	11



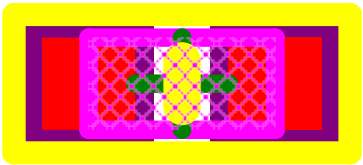
Library Reference	**0201_FB**
Description	Ferrite Bead
Height	0.3mm
Dimension	1.143mm x 0.635mm
Number of Pads	2
Number of Primitives	20



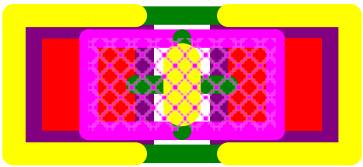
Library Reference	**0201_L**
Description	Inductor
Height	0.3mm
Dimension	1.143mm x 0.635mm
Number of Pads	2
Number of Primitives	20



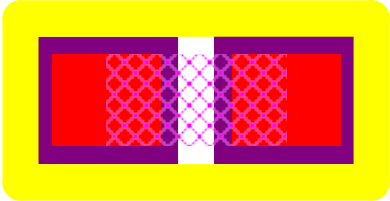
Library Reference	**0201_R**
Description	Resistor
Height	0mm
Dimension	1.35mm x 0.85mm
Number of Pads	2
Number of Primitives	11



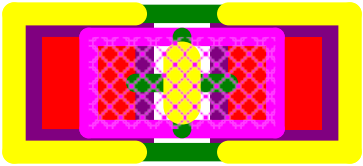
Library Reference	**0402_C**
Description	Surface mount capacitor 0402
Height	0.3mm
Dimension	1.956mm x 0.889mm
Number of Pads	2
Number of Primitives	18



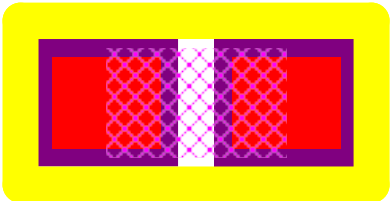
Library Reference	**0402_F**
Description	Surface mount FUSE 0402
Height	0.3mm
Dimension	1.956mm x 0.889mm
Number of Pads	2
Number of Primitives	20



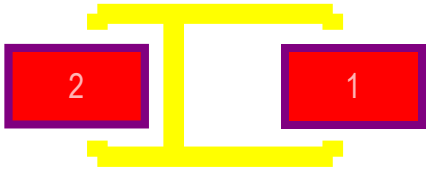
Library Reference	**0402_FB**
Description	Ferrite Bead
Height	0mm
Dimension	2.2mm x 1.1mm
Number of Pads	2
Number of Primitives	7



Library Reference	**0402_L**
Description	Inductor
Height	0.3mm
Dimension	1.956mm x 0.889mm
Number of Pads	2
Number of Primitives	20

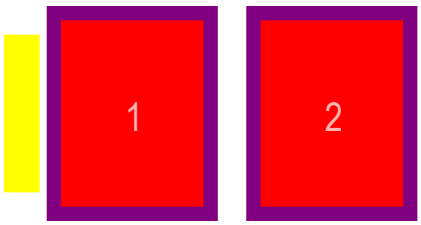


Library Reference	**0402_R**
Description	Resistor
Height	0mm
Dimension	2.2mm x 1.1mm
Number of Pads	2
Number of Primitives	7

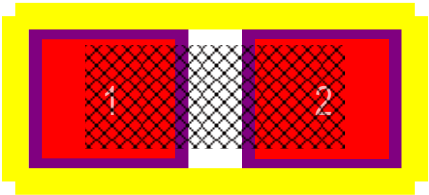


Library Reference	**425**
Description	
Height	0mm
Dimension	5.203mm x 2.054mm

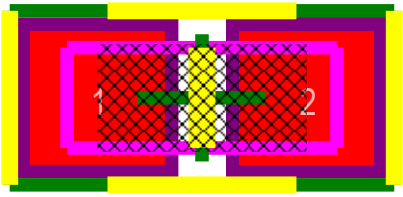
Number of Pads	2
Number of Primitives	9



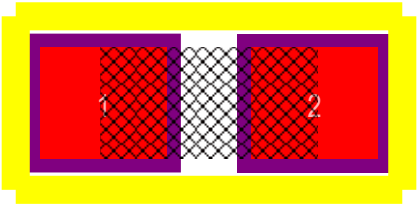
Library Reference	**0504_C**
Description	Capacitor
Height	1.35mm
Dimension	2.929mm x 1.503mm
Number of Pads	2
Number of Primitives	3



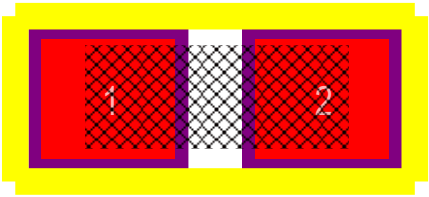
Library Reference	**0603_C**
Description	Capacitor
Height	1.75mm
Dimension	3.251mm x 1.473mm
Number of Pads	2
Number of Primitives	7



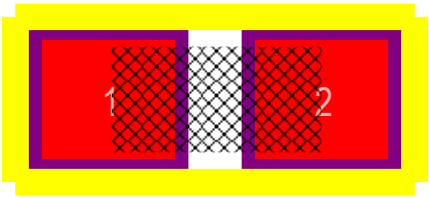
Library Reference	**0603_F**
Description	Surface mount FUSE 0603
Height	0.85mm
Dimension	3.023mm x 1.448mm
Number of Pads	2
Number of Primitives	18



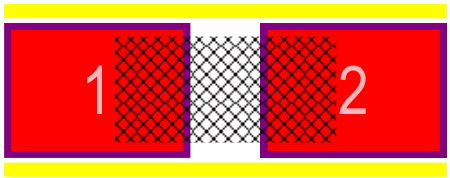
Library Reference	**0603_FB**
Description	Ferrite Bead
Height	0mm
Dimension	2.994mm x 1.47mm
Number of Pads	2
Number of Primitives	7



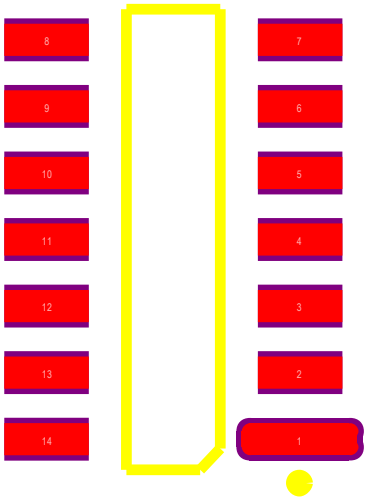
Library Reference	**0603_L**
Description	Inductor
Height	1.75mm
Dimension	3.251mm x 1.473mm
Number of Pads	2
Number of Primitives	7



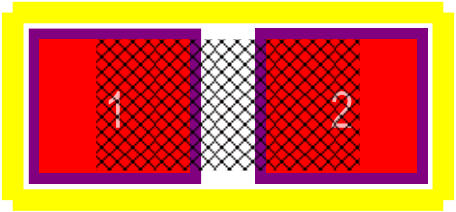
Library Reference	**0603_R**
Description	Resistor
Height	1.75mm
Dimension	3.251mm x 1.473mm
Number of Pads	2
Number of Primitives	7



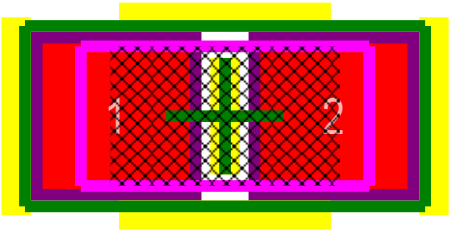
Library Reference	**0612_R**
Description	Resistor
Height	0.6mm
Dimension	6.6mm x 2.6mm
Number of Pads	2
Number of Primitives	5



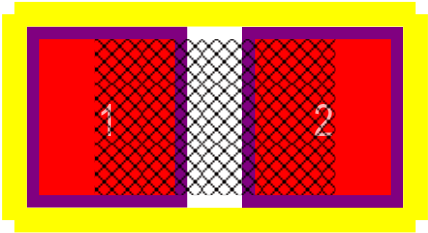
Library Reference	**751A-02_N**
Description	SOIC, 14-Leads, Body 8.7x3.9mm, Pitch 1.27mm, IPC Medium Density
Height	1.75mm
Dimension	7.203mm x 9.41mm
Number of Pads	14
Number of Primitives	20



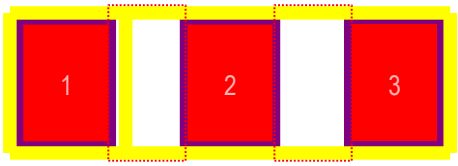
Library Reference	**0805_C**
Description	Capacitor
Height	0.336mm
Dimension	4.267mm x 1.981mm
Number of Pads	2
Number of Primitives	7



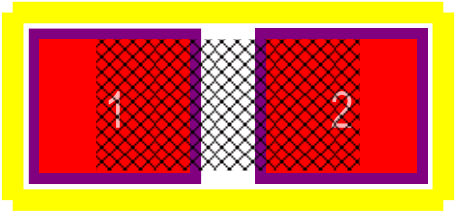
Library Reference	**0805_F**
Description	Surface mount FUSE 0805
Height	1.778mm
Dimension	3.861mm x 1.981mm
Number of Pads	2
Number of Primitives	18



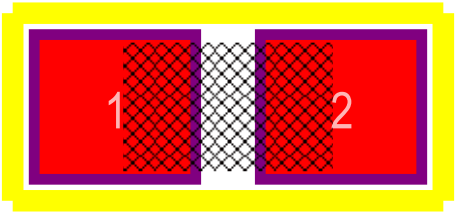
Library Reference	**0805_FB**
Description	Ferrite Bead
Height	0mm
Dimension	3.502mm x 1.9mm
Number of Pads	2
Number of Primitives	7



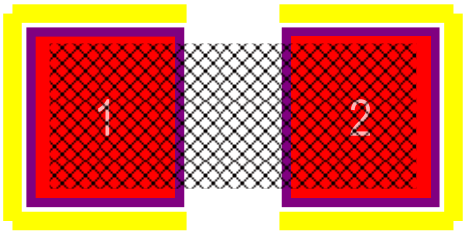
Library Reference	**0805_J**
Description	Jumper
Height	0mm
Dimension	5.969mm x 2.032mm
Number of Pads	3
Number of Primitives	10



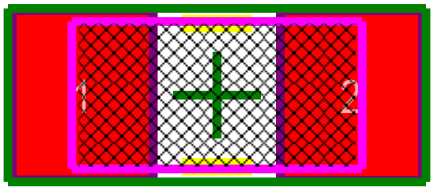
Library Reference	**0805_L**
Description	Inductor
Height	0.336mm
Dimension	4.267mm x 1.981mm
Number of Pads	2
Number of Primitives	7



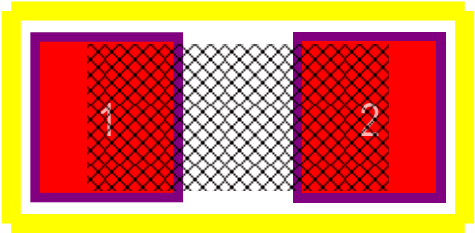
Library Reference	**0805_R**
Description	Resistor
Height	0.336mm
Dimension	4.267mm x 1.981mm
Number of Pads	2
Number of Primitives	7



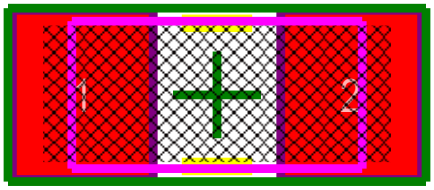
Library Reference	**1206_C**
Description	Capacitor
Height	0mm
Dimension	5.029mm x 2.489mm
Number of Pads	2
Number of Primitives	9



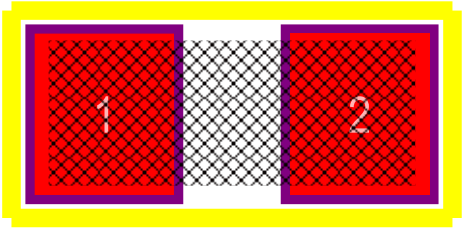
Library Reference	**1206_F**
Description	Surface mount FUSE 1206
Height	0.71mm
Dimension	4.926mm x 2.132mm
Number of Pads	2
Number of Primitives	15



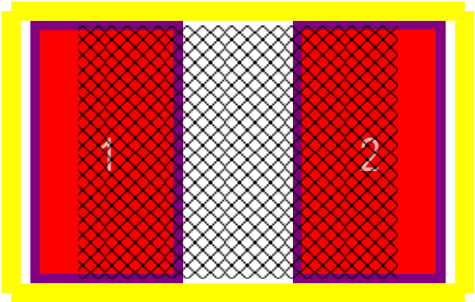
Library Reference	**1206_FB**
Description	Ferrite Bead
Height	0mm
Dimension	5.026mm x 2.486mm
Number of Pads	2
Number of Primitives	7



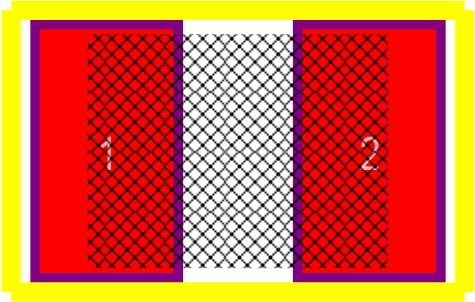
Library Reference	**1206_L**
Description	Inductor
Height	0.71mm
Dimension	4.926mm x 2.132mm
Number of Pads	2
Number of Primitives	15



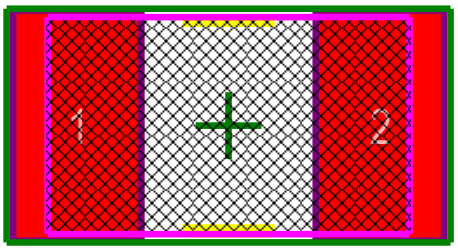
Library Reference	**1206_R**
Description	Resistor
Height	0mm
Dimension	5.029mm x 2.489mm
Number of Pads	2
Number of Primitives	7



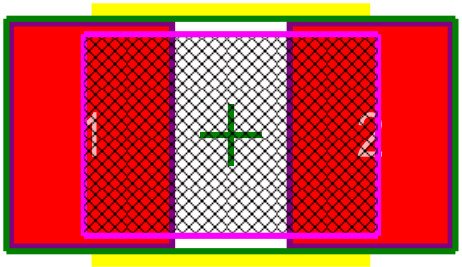
Library Reference	**1210_C**
Description	Capacitor
Height	0mm
Dimension	5.026mm x 3.2mm
Number of Pads	2
Number of Primitives	7



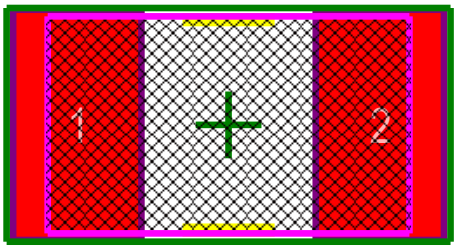
Library Reference	**1210_R**
Description	Resistor
Height	0mm
Dimension	5.026mm x 3.2mm
Number of Pads	2
Number of Primitives	7



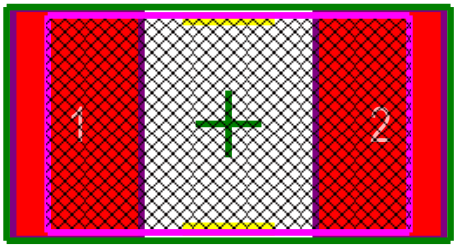
Library Reference	**1812_C**
Description	Surface mount capacitor 1812
Height	1.7mm
Dimension	6.958mm x 3.656mm
Number of Pads	2
Number of Primitives	15



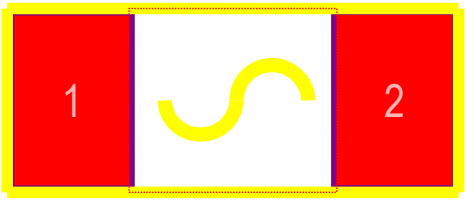
Library Reference	**1812_F**
Description	Surface mount FUSE 1812
Height	0mm
Dimension	7.466mm x 4.318mm
Number of Pads	2
Number of Primitives	15



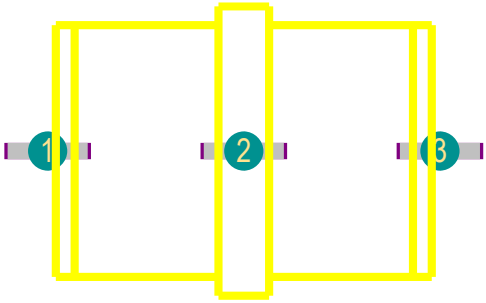
Library Reference	**1812_L**
Description	Inductor
Height	1.7mm
Dimension	6.958mm x 3.656mm
Number of Pads	2
Number of Primitives	15



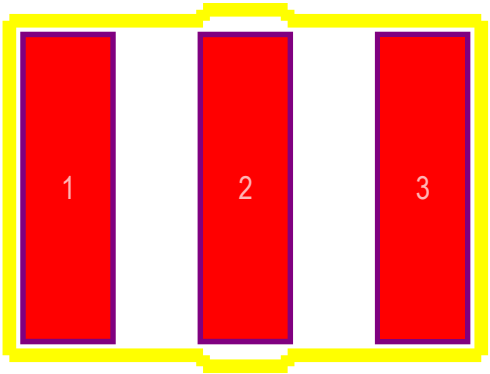
Library Reference	**1812_R**
Description	Resistor
Height	1.7mm
Dimension	6.958mm x 3.656mm
Number of Pads	2
Number of Primitives	15



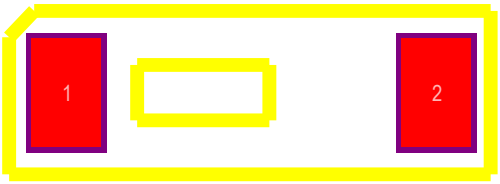
Library Reference	**2010_F**
Description	
Height	0mm
Dimension	8.204mm x 3.505mm
Number of Pads	2
Number of Primitives	9



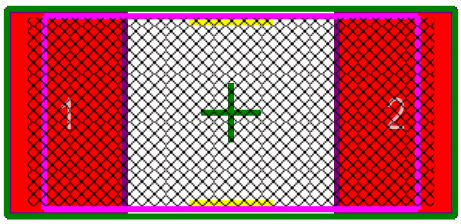
Library Reference	**2026-XX-C4**
Description	3 Electrode Surge Arrester
Height	9mm
Dimension	14.903mm x 9.254mm
Number of Pads	3
Number of Primitives	15



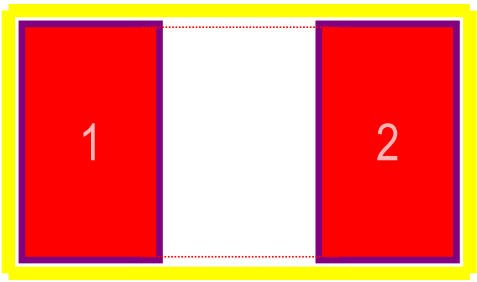
Library Reference	**2038-XX-SM**
Description	3 Electrode Surface Mount Gas Discharge Tube
Height	5mm
Dimension	9.054mm x 6.854mm
Number of Pads	3
Number of Primitives	15



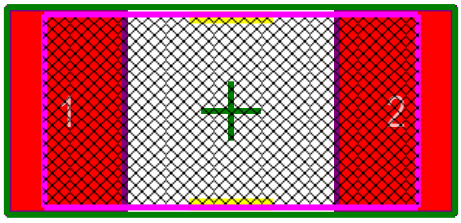
Library Reference	**2450AT43A100**
Description	
Height	0mm
Dimension	9.054mm x 3.254mm
Number of Pads	2
Number of Primitives	11



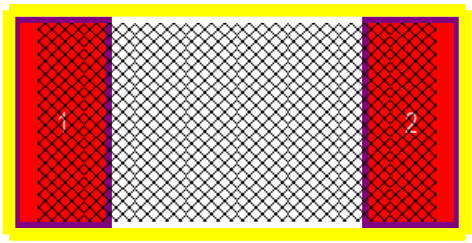
Library Reference	**2512_C**
Description	Surface mount capacitor 2512
Height	1.7mm
Dimension	7.72mm x 3.656mm
Number of Pads	2
Number of Primitives	15



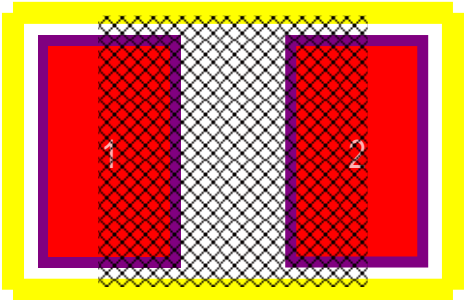
Library Reference	**2512_F**
Description	
Height	0mm
Dimension	7.203mm x 4.203mm
Number of Pads	2
Number of Primitives	7



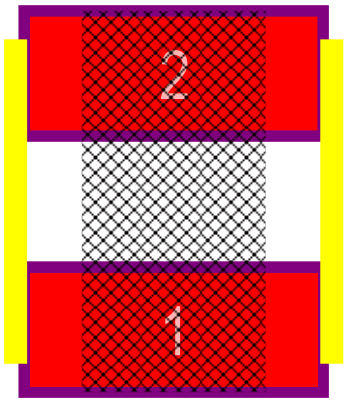
Library Reference	**2512_L**
Description	Inductor
Height	1.7mm
Dimension	7.72mm x 3.656mm
Number of Pads	2
Number of Primitives	15



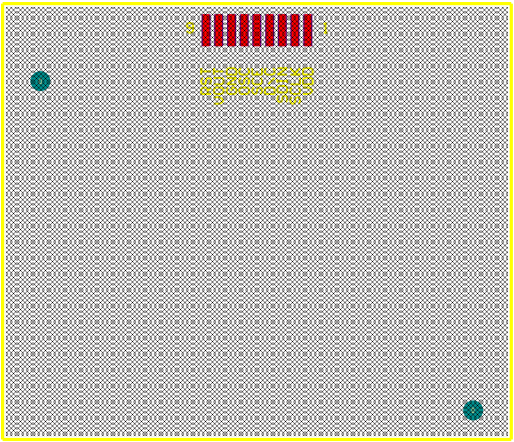
Library Reference	**2512_R**
Description	Resistor
Height	0mm
Dimension	7.515mm x 3.803mm
Number of Pads	2
Number of Primitives	7



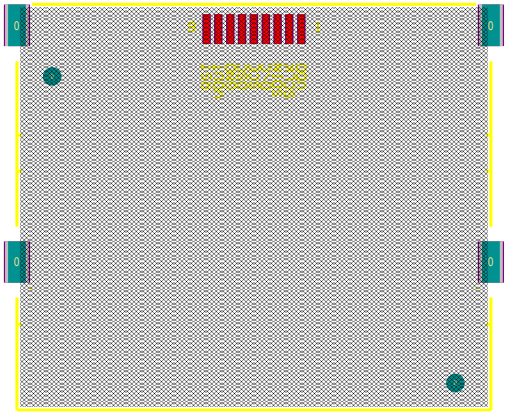
Library Reference	**2520_L**
Description	
Height	0mm
Dimension	4.264mm x 2.74mm
Number of Pads	2
Number of Primitives	7



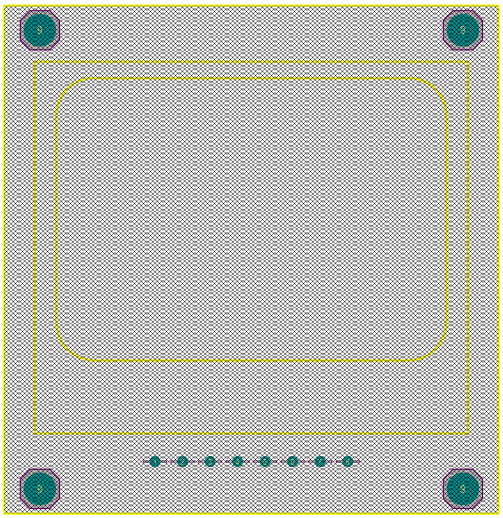
Library Reference	**2520L_1008LS**
Description	Inductor
Height	2.03mm
Dimension	3.003mm x 3.513mm
Number of Pads	2
Number of Primitives	5



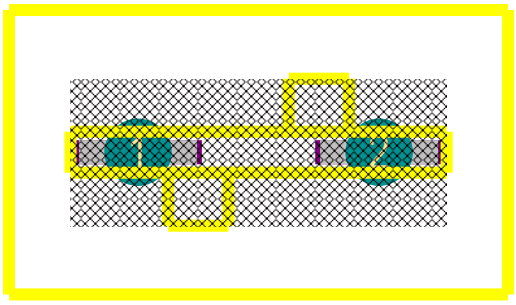
Library Reference	**5110LCD**
Description	
Height	0mm
Dimension	40.254mm x 34.554mm
Number of Pads	11
Number of Primitives	27



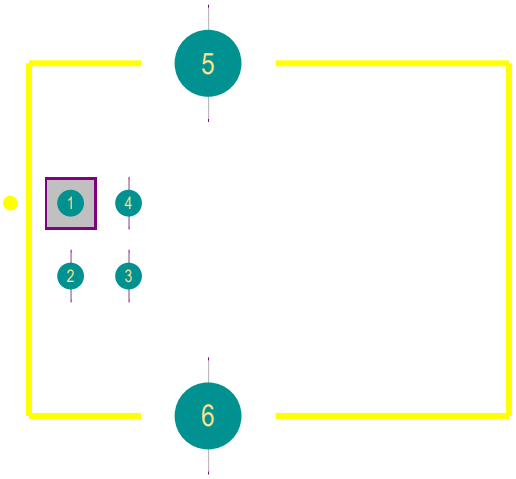
Library Reference	**5110LCD_FIXED**
Description	
Height	0mm
Dimension	42.208mm x 35.496mm
Number of Pads	15
Number of Primitives	41



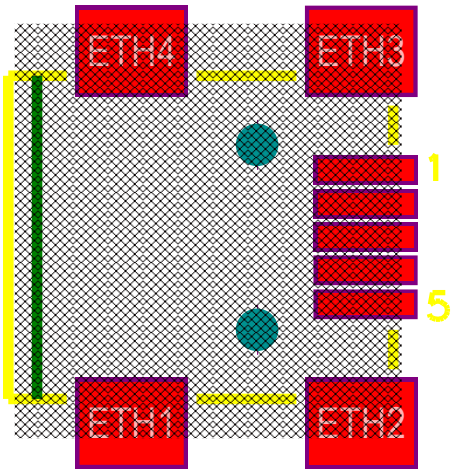
Library Reference	**5110LCD_HXE**
Description	LCD Nokia5110 Module 45/6x46/8mm
Height	6.5mm
Dimension	45.8mm x 47mm
Number of Pads	12
Number of Primitives	31



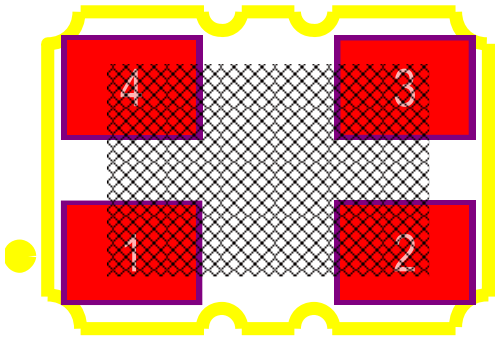
Library Reference	**63849-1**
Description	Terminals TAB .250 PCB
Height	10.21mm
Dimension	10.754mm x 6.254mm
Number of Pads	2
Number of Primitives	17



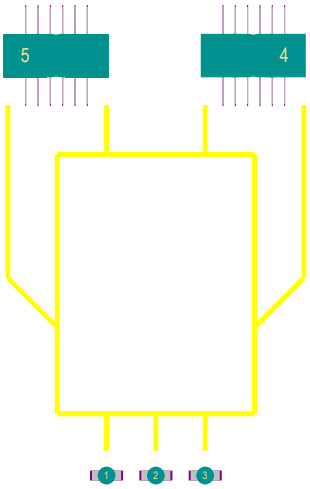
Library Reference	**440119**
Description	Connector; USB1.1, Type B, Thru-Hole; 4 Position; Right Angle
Height	11.05mm
Dimension	17.4mm x 16.043mm
Number of Pads	6
Number of Primitives	13



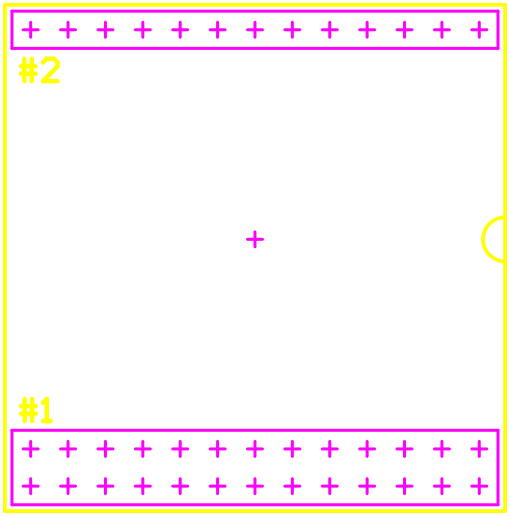
Library Reference	**A-USBB-M5/SMD**
Description	Mini-USB B
Height	3.9mm
Dimension	10.751mm x 11.103mm
Number of Pads	11
Number of Primitives	22



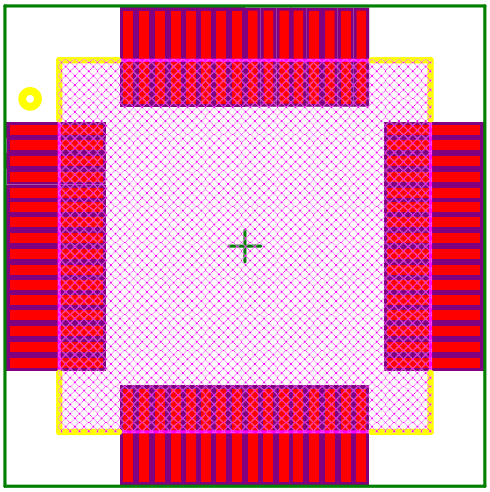
Library Reference	**ABMM2_6x3.6**
Description	CERAMIC SURFACE MOUNT LOW PROFILE QUARTZ CRYSTALS
Height	1.2mm
Dimension	7.575mm x 5mm
Number of Pads	4
Number of Primitives	22



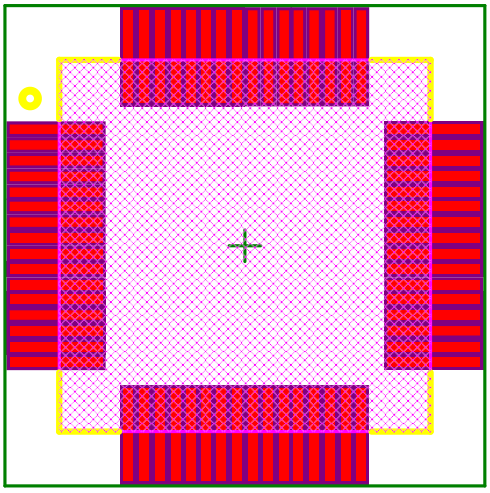
Library Reference	**ACS75x**
Description	Current Sensor
Height	0mm
Dimension	18.538mm x 25.293mm
Number of Pads	15
Number of Primitives	28



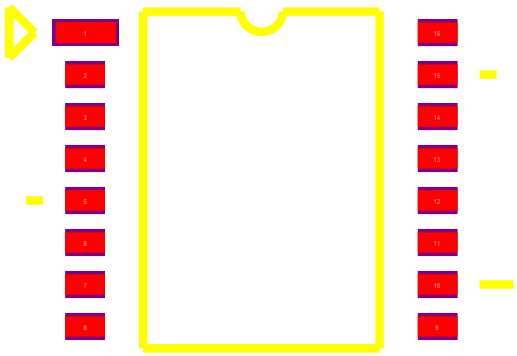
Library Reference	**ADE7878ACPZ_MODULE(MIRROR)**
Description	
Height	0mm
Dimension	34.254mm x 34.794mm
Number of Pads	0
Number of Primitives	95



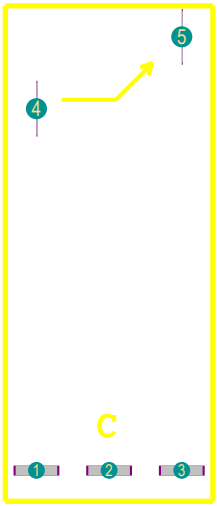
Library Reference	**ADS1298IPAG**
Description	ADS1298IPAG
Height	1.05mm
Dimension	15.594mm x 15.594mm
Number of Pads	64
Number of Primitives	84



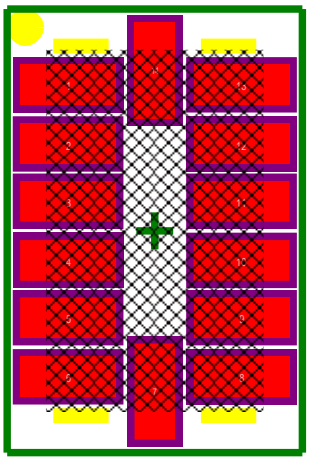
Library Reference	**ADS1299IPAG**
Description	ADS1299IPAG,Low-Noise, 8-Channel, 24-Bit Analog Front-End for Biopotential Measurements
Height	1.05mm
Dimension	15.594mm x 15.594mm
Number of Pads	64
Number of Primitives	84



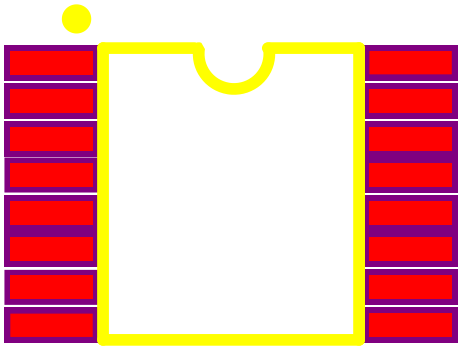
Library Reference	**ADUM1401**
Description	ADUM1401
Height	0mm
Dimension	15.386mm x 10.556mm
Number of Pads	16
Number of Primitives	28



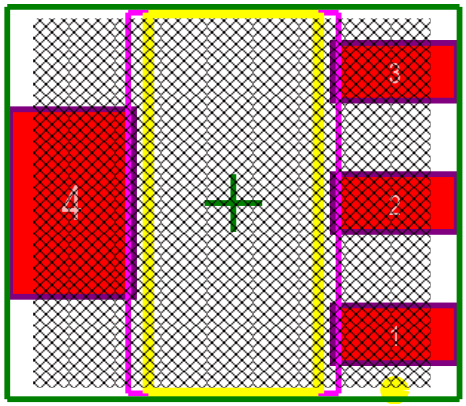
Library Reference	**ADW11XX**
Description	
Height	24.6mm
Dimension	10.254mm x 24.254mm
Number of Pads	5
Number of Primitives	15



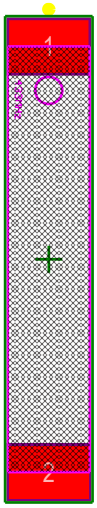
Library Reference	**ADXL345**
Description	ADXL345 SMD Digital Accelerometer
Height	1mm
Dimension	4.164mm x 6.196mm
Number of Pads	14
Number of Primitives	26



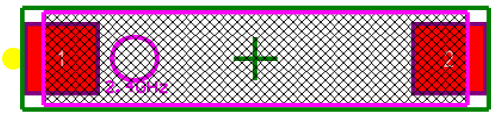
Library Reference	**AEAT_SSOP16**
Description	
Height	0mm
Dimension	7.833mm x 5.938mm
Number of Pads	16
Number of Primitives	23



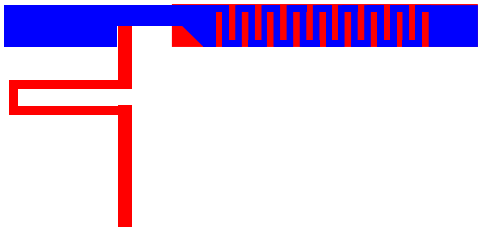
Library Reference	**AMS1117-ADJ**
Description	AMS1117-ADJ
Height	1.8mm
Dimension	8.1mm x 7.05mm
Number of Pads	4
Number of Primitives	20



Library Reference	**AN1603**
Description	AN1603 433MHz Multilayer Chip Antenna
Height	1.65mm
Dimension	3.402mm x 18.842mm
Number of Pads	2
Number of Primitives	16

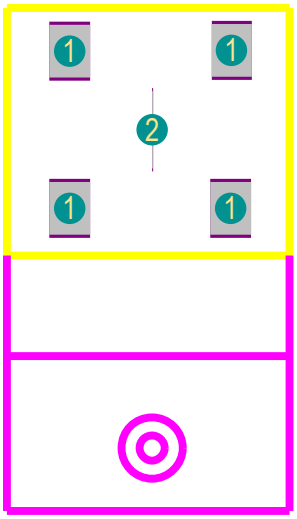


Library Reference	**AN9520**
Description	AN9520 Multilayer Chip Antenna for 2.4GHz Wireless Communication
Height	1mm
Dimension	11.044mm x 2.488mm
Number of Pads	2
Number of Primitives	16

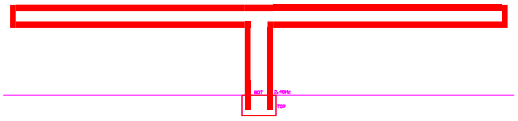


Library Reference	**ANT--1.1.1**
Description	
Height	0mm
Dimension	11.001mm x 5.28mm
Number of Pads	0

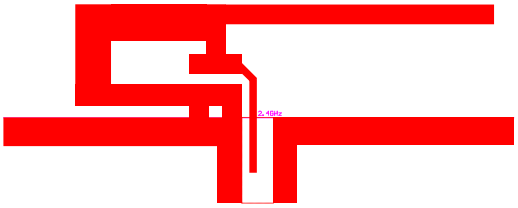
Number of Primitives	67



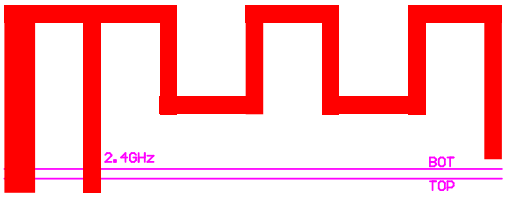
Library Reference	**ANT-R-RF**
Description	Antenna; Right; RF;
Height	0mm
Dimension	9.398mm x 16.51mm
Number of Pads	5
Number of Primitives	15



Library Reference	**Antenna_folded_dipole_2.4GHz**
Description	Folded dipole 2.4GHz PCB Antenna
Height	0mm
Dimension	45.847mm x 10.088mm
Number of Pads	2
Number of Primitives	20

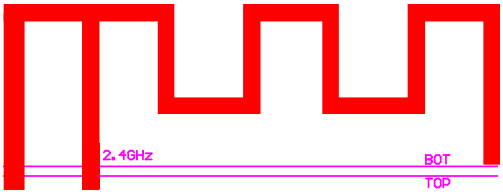


Library Reference	**Antenna_IFA_2.4GHz**
Description	Inverted F 2.4 GHz PCB antenna
Height	0mm
Dimension	31.277mm x 12.133mm
Number of Pads	3
Number of Primitives	20

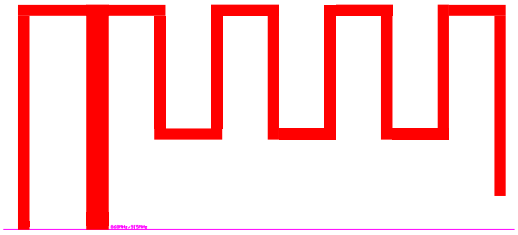


Library Reference	**Antenna_IIFA_2.4GHz**
Description	Small Size IIFA 2.4 GHz PCB antenna
Height	0mm
Dimension	14.451mm x 5.39mm
Number of Pads	2

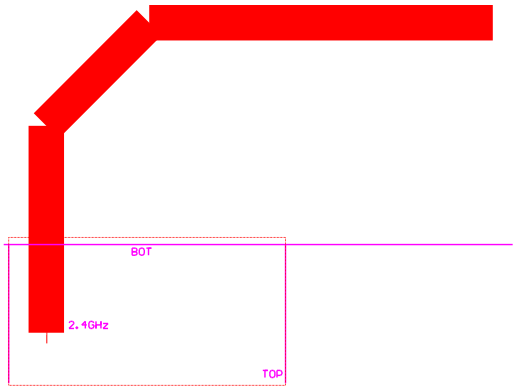
Number of Primitives	19



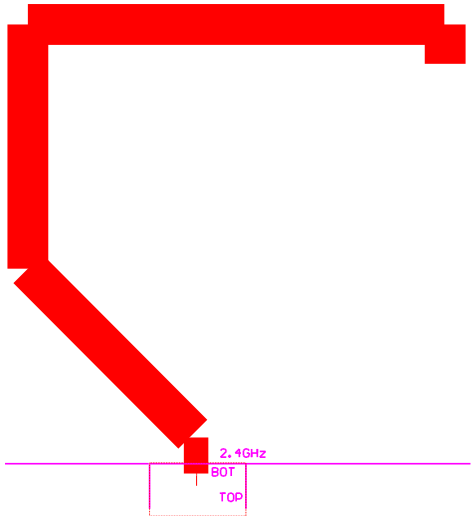
Library Reference	**Antenna_IIFA_2.4GHz_ESP**
Description	Small Size IIFA 2.4 GHz PCB antenna
Height	0mm
Dimension	14.526mm x 5.4mm
Number of Pads	2
Number of Primitives	9



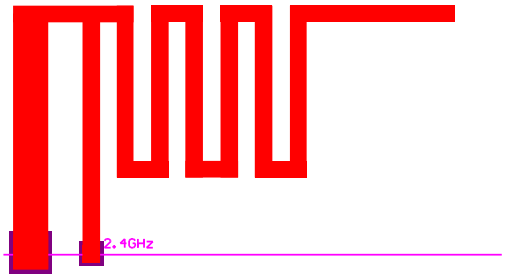
Library Reference	**Antenna_IIFA_868MHz_915MHz**
Description	Small Size IIFA 868MHz/915MHz PCB antenna
Height	0mm
Dimension	45.136mm x 20mm
Number of Pads	2
Number of Primitives	22



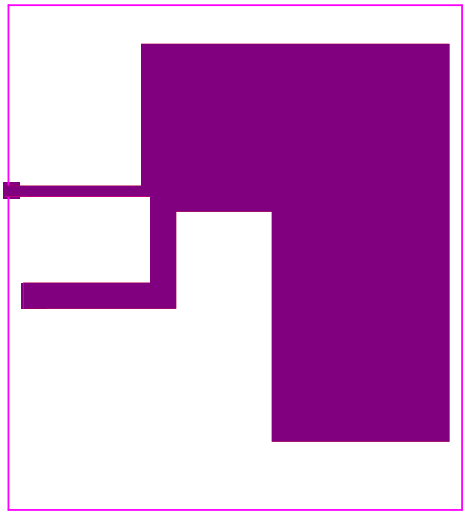
Library Reference	**Antenna_ILA_2.4GHz**
Description	Inverted L 2.4 GHz PCB antenna
Height	0mm
Dimension	18.263mm x 13.589mm
Number of Pads	1
Number of Primitives	11



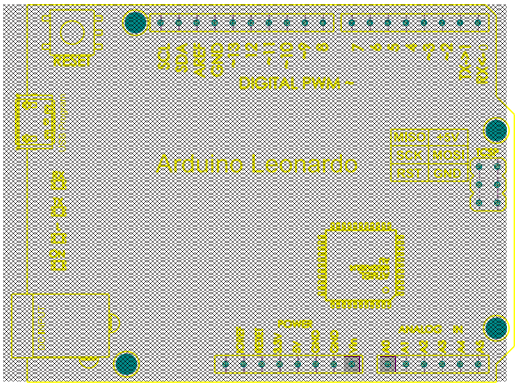
Library Reference	**Antenna_ILA_B_2.4GHz**
Description	Inverted L 2.4 GHz PCB antenna
Height	0mm
Dimension	14.529mm x 15.885mm
Number of Pads	1
Number of Primitives	15



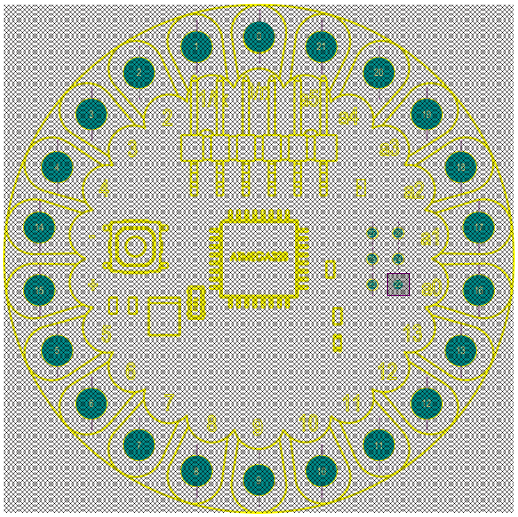
Library Reference	**Antenna_PIFA_2.4GHz_1MM**
Description	Small Size PIFA 2.4 GHz PCB antenna
Height	0mm
Dimension	14.451mm x 7.742mm
Number of Pads	2
Number of Primitives	19



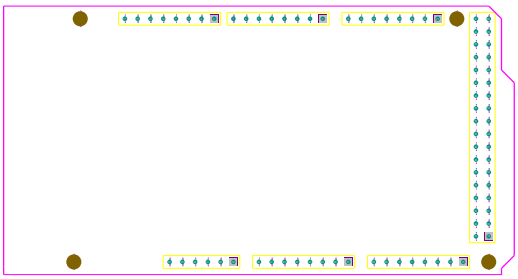
Library Reference	**Antenna_RT5370_AP_D9595**
Description	Wi-Fi 2.4GHz PCB Antenna
Height	0mm
Dimension	12.942mm x 14.322mm
Number of Pads	2
Number of Primitives	10



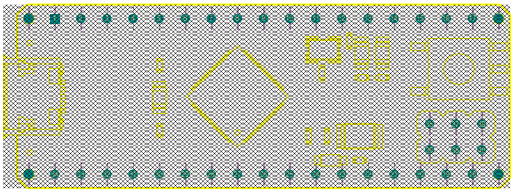
Library Reference	**Arduino_Leonardo**
Description	
Height	0mm
Dimension	72.066mm x 53.54mm
Number of Pads	42
Number of Primitives	5879



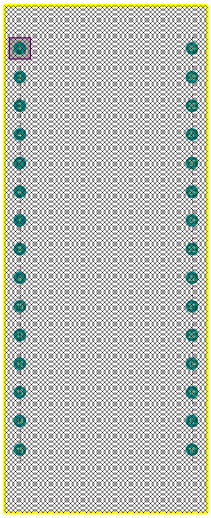
Library Reference	**Arduino_Lily_Pad**
Description	
Height	0mm
Dimension	50.2mm x 50.2mm
Number of Pads	28
Number of Primitives	2123



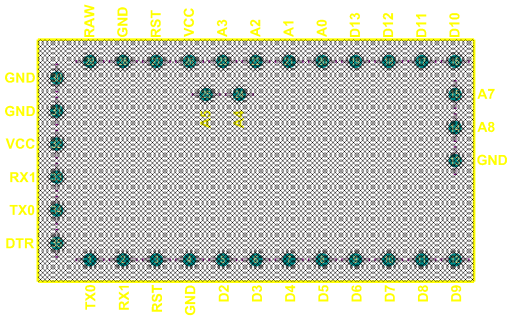
Library Reference	**Arduino_Mega2560_Connector**
Description	Arduino Mega2560 Connector
Height	0mm
Dimension	101.854mm x 53.594mm
Number of Pads	82
Number of Primitives	125



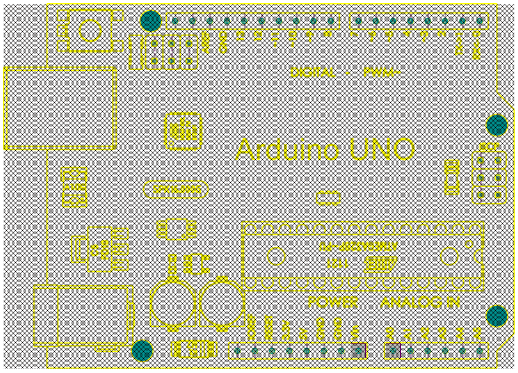
Library Reference	**Arduino_Mini**
Description	
Height	0mm
Dimension	49.456mm x 18.2mm
Number of Pads	44
Number of Primitives	3482



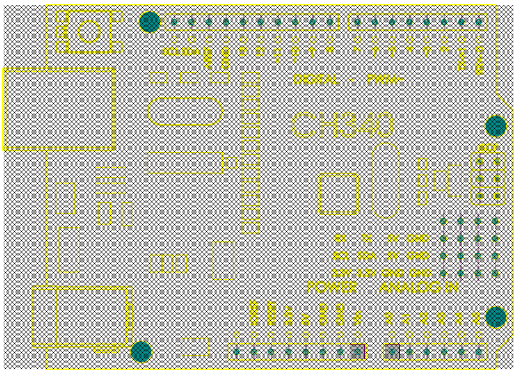
Library Reference	**Arduino_Nano_R3**
Description	Arduino Nano R3, 30-Leads, Row Spacing 15.24mm, Pitch 2.54mm
Height	13mm
Dimension	18.254mm x 45.254mm
Number of Pads	30
Number of Primitives	35



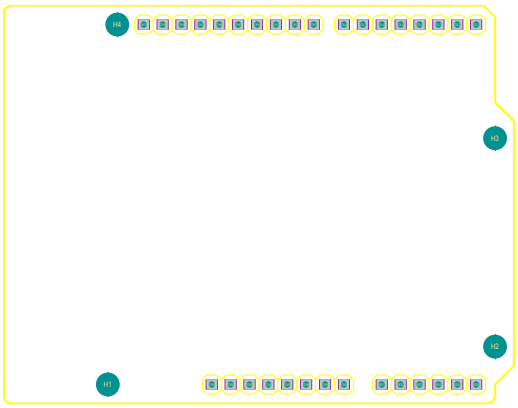
Library Reference	**Arduino_Pro_Mini**
Description	Arduino Pro Mini, 30-Leads, Row Spacing 15.24mm, Pitch 2.54mm
Height	13mm
Dimension	38.41mm x 23.857mm
Number of Pads	35
Number of Primitives	110



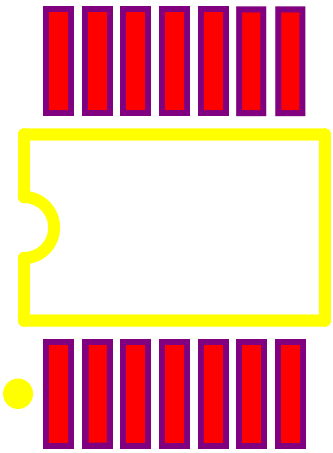
Library Reference	**Arduino_UNO**
Description	
Height	0mm
Dimension	75.13mm x 53.54mm
Number of Pads	48
Number of Primitives	6452



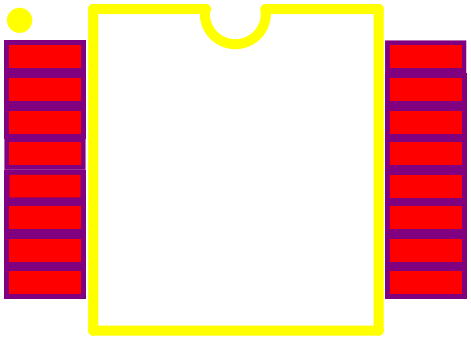
Library Reference	**Arduino_UNO_CH340**
Description	
Height	0mm
Dimension	75.13mm x 53.54mm
Number of Pads	58
Number of Primitives	3043



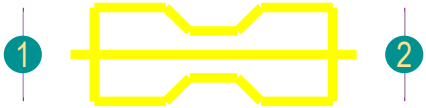
Library Reference	**ARDUINO_UNO_CONNECTOR**
Description	Arduino Uno Connector
Height	0mm
Dimension	68.834mm x 53.594mm
Number of Pads	36
Number of Primitives	276



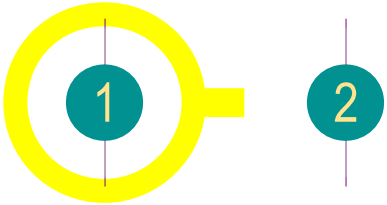
Library Reference	**AS_SSOP14**
Description	Shrink Small Outline, Plastic, Thin; 14 Leads; Body Width 4.4 mm; Pitch 0.65 mm
Height	1.1mm
Dimension	5.55mm x 7.403mm
Number of Pads	14
Number of Primitives	21



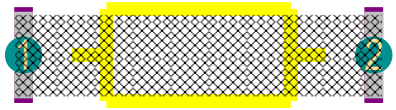
Library Reference	**AS_SSOP16**
Description	
Height	0mm
Dimension	9.233mm x 6.7mm
Number of Pads	16
Number of Primitives	23



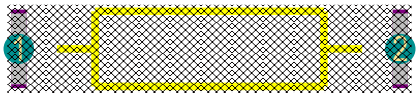
Library Reference	**AXIAL0.4F**
Description	
Height	0mm
Dimension	12.649mm x 2.794mm
Number of Pads	2
Number of Primitives	15



Library Reference	**AXIAL-0.1SH**
Description	Resistor
Height	0mm
Dimension	4.489mm x 2.134mm
Number of Pads	2
Number of Primitives	4

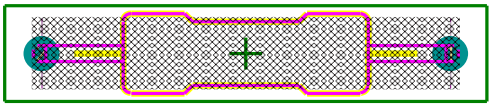


Library Reference	**AXIAL-0.3**
Description	Resistor
Height	0mm
Dimension	10.123mm x 2.337mm
Number of Pads	2
Number of Primitives	9

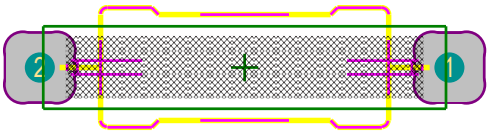


Library Reference	**AXIAL-0.4**
Description	Resistor
Height	2.032mm
Dimension	12.663mm x 2.4mm

Number of Pads	2
Number of Primitives	9



Library Reference	**AXIAL-0.5**
Description	Resistor
Height	2.54mm
Dimension	15.086mm x 3.148mm
Number of Pads	2
Number of Primitives	59



Library Reference	**AXIAL-0.6**
Description	Resistor
Height	2.54mm
Dimension	17.943mm x 4.6mm
Number of Pads	2
Number of Primitives	59

Library Reference	**AXIAL-0.7**
Description	Resistor
Height	0mm
Dimension	20.523mm x 5.334mm
Number of Pads	2
Number of Primitives	8

Library Reference	**AXIAL-0.8**
Description	Resistor
Height	0mm
Dimension	23.063mm x 4.826mm
Number of Pads	2
Number of Primitives	8

Library Reference	**AXIAL-0.9**
Description	Resistor
Height	0mm
Dimension	25.603mm x 5.334mm
Number of Pads	2
Number of Primitives	9

Library Reference	**AXIAL-1.0**
Description	Resistor
Height	4.064mm
Dimension	28.143mm x 5.661mm
Number of Pads	2
Number of Primitives	29

Library Reference	**AXIAL-1.1**
Description	Resistor
Height	0mm
Dimension	31.953mm x 8.001mm
Number of Pads	2
Number of Primitives	9

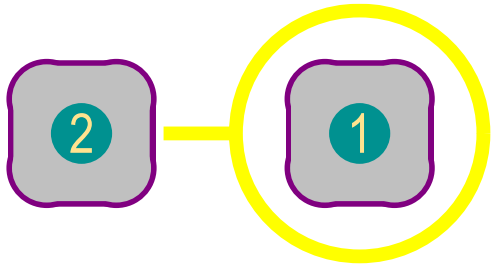
Library Reference	**AXIAL-1.2**
Description	Resistor
Height	0mm
Dimension	34.493mm x 9.398mm
Number of Pads	2
Number of Primitives	9

Library Reference	**AXIAL-1.3**
Description	Resistor
Height	0mm
Dimension	37.033mm x 8.128mm

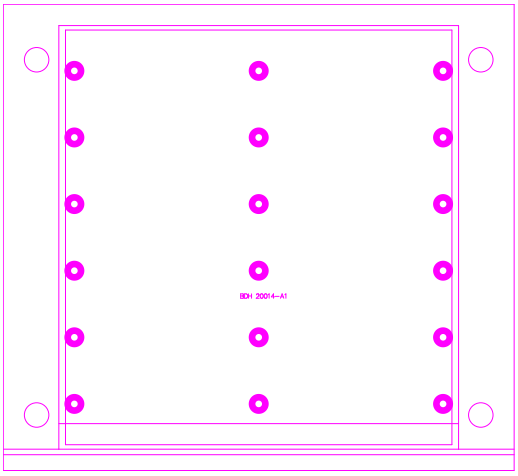
Number of Pads	2
Number of Primitives	9

Library Reference	**AXIAL-1.4**
Description	Resistor
Height	0mm
Dimension	39.573mm x 8.128mm
Number of Pads	2
Number of Primitives	9

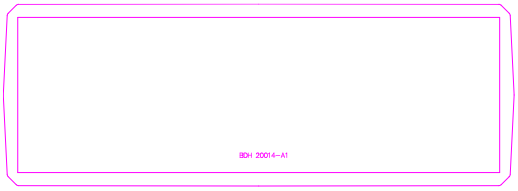
Library Reference	**AXIAL-1.5**
Description	Resistor
Height	0mm
Dimension	42.113mm x 7.874mm
Number of Pads	2
Number of Primitives	9



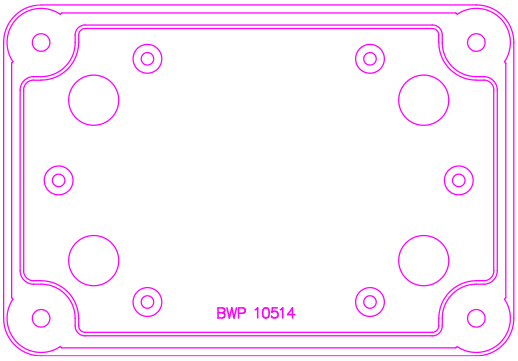
Library Reference	**AXIAL-1W_V**
Description	Semiconductor Resistor; 2 Leads
Height	16mm
Dimension	8.809mm x 4.754mm
Number of Pads	2
Number of Primitives	4



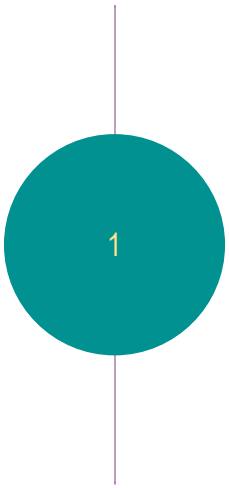
Library Reference	**BAHAR_BDH20014-A1_BOTTOM**
Description	Desktop Plastic Box
Height	86mm
Dimension	230.254mm x 210.254mm
Number of Pads	0
Number of Primitives	39



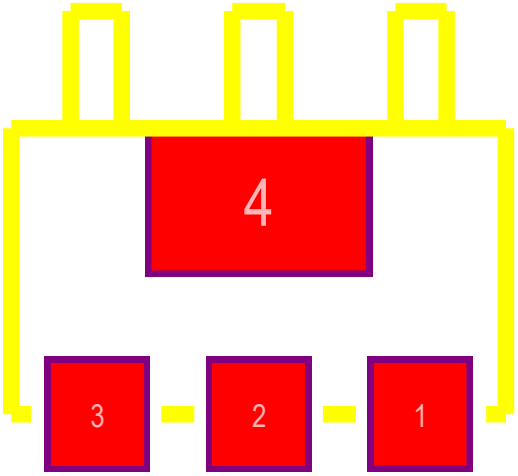
Library Reference	**BAHAR_BDH20014-A1_FRONT**
Description	Desktop Plastic Box
Height	86mm
Dimension	222.844mm x 80.054mm
Number of Pads	0
Number of Primitives	25



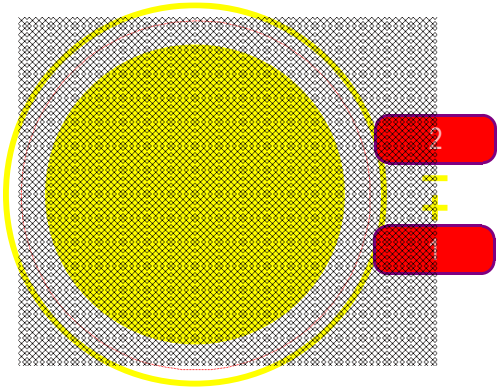
Library Reference	**BAHAR_BWP10514**
Description	Water Proof Enclosure
Height	52mm
Dimension	102.254mm x 70.254mm
Number of Pads	0
Number of Primitives	93



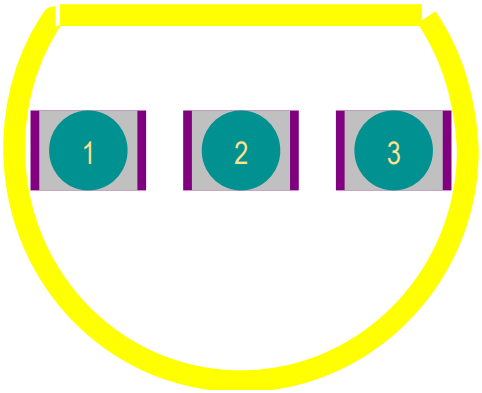
Library Reference	**Banding Post**
Description	
Height	0mm
Dimension	15.203mm x 15.203mm
Number of Pads	1
Number of Primitives	1



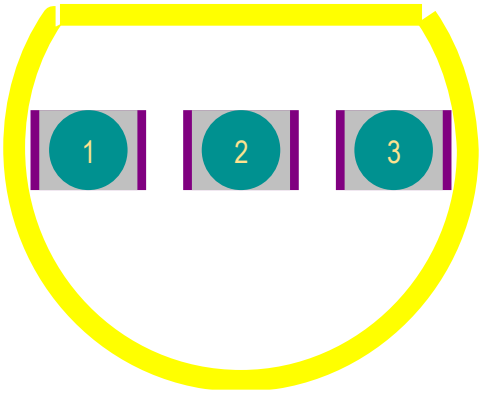
Library Reference	**BAT00006500**
Description	3PIN Battery Connector, Vertical (Without Post)
Height	6.5mm
Dimension	7.854mm x 7.229mm
Number of Pads	4
Number of Primitives	20



Library Reference	**BATT_LR**
Description	
Height	0mm
Dimension	16.982mm x 13.2mm
Number of Pads	2
Number of Primitives	9

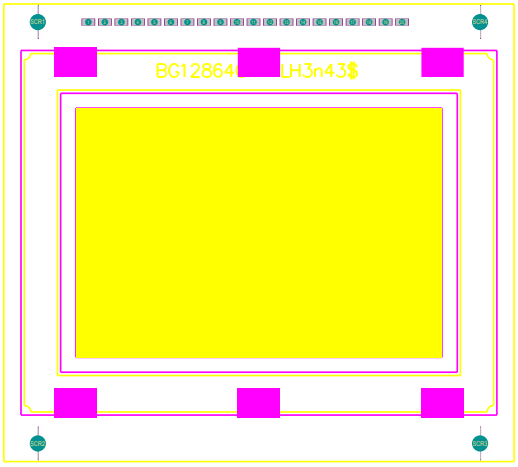


Library Reference	**BCY546**
Description	
Height	0mm
Dimension	5.554mm x 4.454mm
Number of Pads	3
Number of Primitives	5



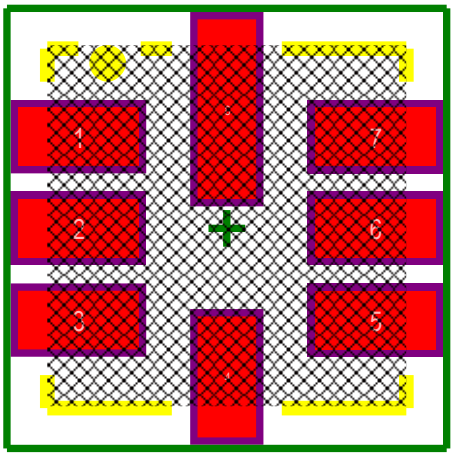
Library Reference	**BCY556**
Description	
Height	0mm
Dimension	5.554mm x 4.454mm
Number of Pads	3
Number of Primitives	5

Library Reference	**BEAD0.4**
Description	
Height	0mm
Dimension	12.522mm x 4.064mm
Number of Pads	2
Number of Primitives	9

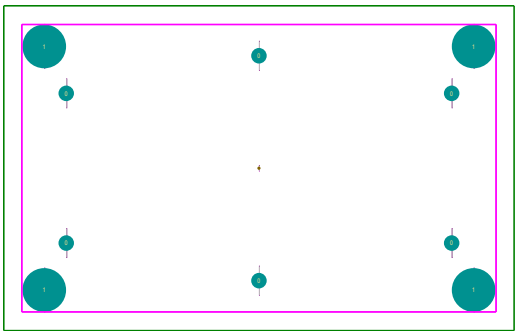


Library Reference	**BG12864C1YPLH3n43$**
Description	12864 LCD Display Module (LCM)
Height	86mm
Dimension	78.754mm x 70.754mm
Number of Pads	24
Number of Primitives	82

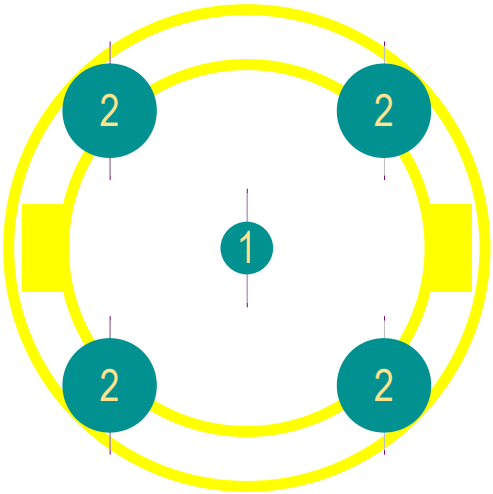
Library Reference	**BGA4x2**
Description	
Height	0mm
Dimension	0.86mm x 0.86mm
Number of Pads	4
Number of Primitives	9



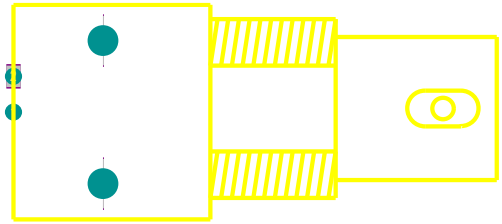
Library Reference	**BMP085**
Description	BMP085 SMD Digital barometric pressure sensor
Height	1.32mm
Dimension	6.196mm x 6.196mm
Number of Pads	8
Number of Primitives	25



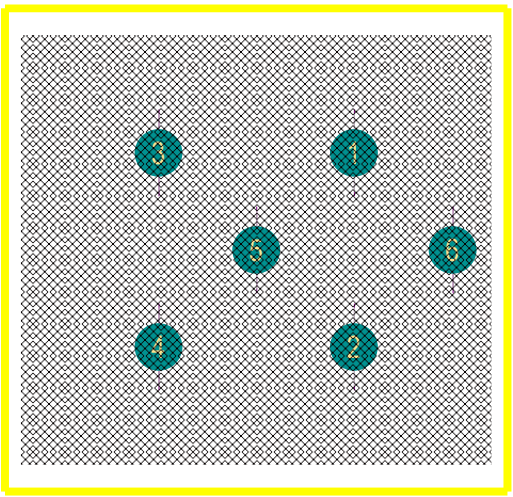
Library Reference	**BMW50013-A1**
Description	
Height	0mm
Dimension	82.254mm x 52.254mm
Number of Pads	10
Number of Primitives	19



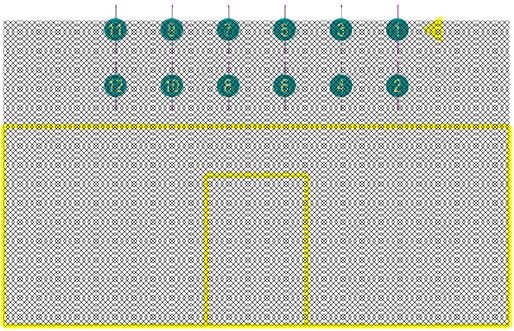
Library Reference	**BNC**
Description	
Height	0mm
Dimension	11.254mm x 11.254mm
Number of Pads	5
Number of Primitives	9



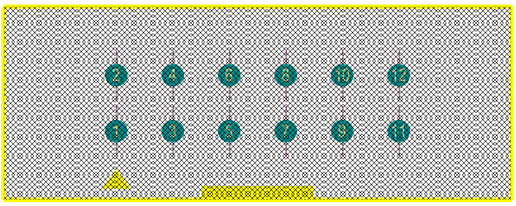
Library Reference	**BNC_RA**
Description	
Height	0mm
Dimension	35.814mm x 15.545mm
Number of Pads	4
Number of Primitives	45



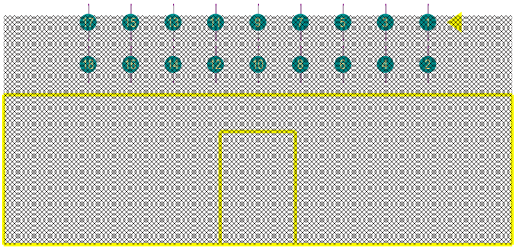
Library Reference	**BNX_EMI_FILTER**
Description	Murata Co.
Height	0mm
Dimension	13mm x 12.6mm
Number of Pads	6
Number of Primitives	11



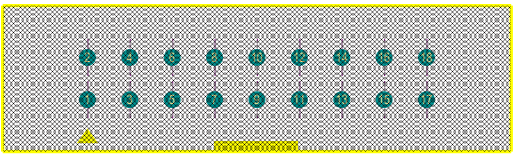
Library Reference	**BOX-HDR-2x6-2.54mm-RA**
Description	Male Box Header Connector 2X6 Pitch 2.54mm
Height	8.8mm
Dimension	23mm x 14.577mm
Number of Pads	12
Number of Primitives	21



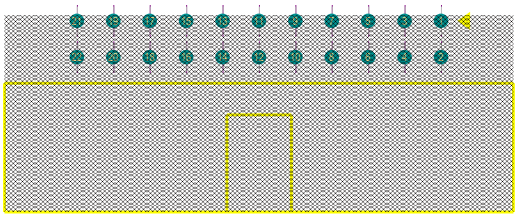
Library Reference	**BOX-HDR-2x6-2.54mm-S**
Description	Male Box Header Connector 2X6 Pitch 2.54mm
Height	9mm
Dimension	23.04mm x 9mm
Number of Pads	12
Number of Primitives	20



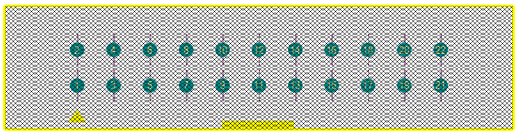
Library Reference	**BOX-HDR-2x9-2.54mm-RA**
Description	Male Box Header Connector 2X9 Pitch 2.54mm
Height	8.8mm
Dimension	30.62mm x 14.577mm
Number of Pads	18
Number of Primitives	27



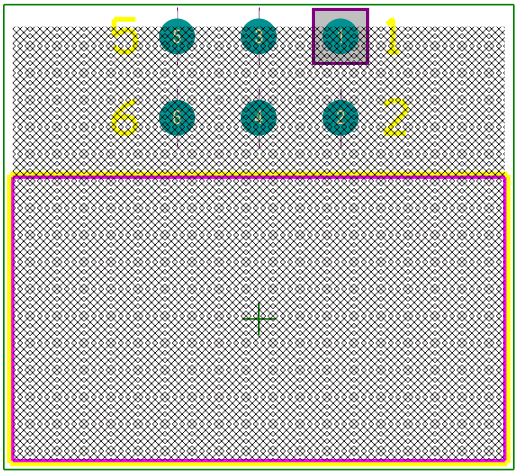
Library Reference	**BOX-HDR-2x9-2.54mm-S**
Description	Male Box Header Connector 2X9 Pitch 2.54mm
Height	9mm
Dimension	30.66mm x 9mm
Number of Pads	18
Number of Primitives	26



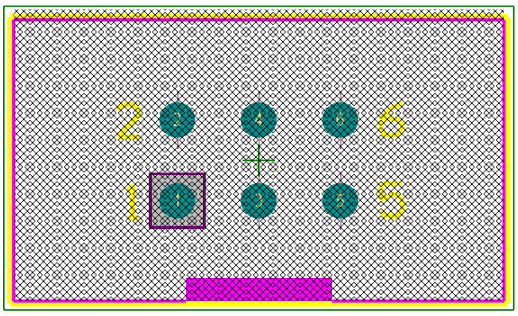
Library Reference	**BOX-HDR-2x11-2.54mm-RA**
Description	Male Box Header Connector 2X11 Pitch 2.54mm
Height	8.8mm
Dimension	35.7mm x 14.577mm
Number of Pads	22
Number of Primitives	31



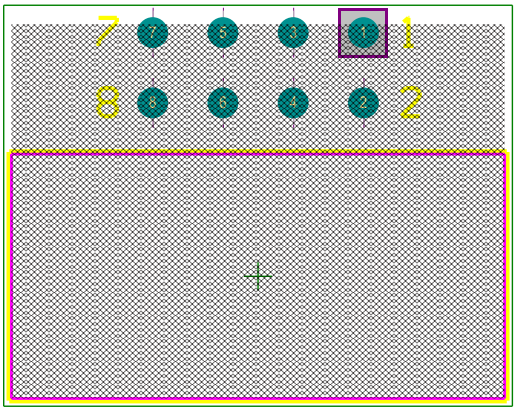
Library Reference	**BOX-HDR-2x11-2.54mm-S**
Description	Male Box Header Connector 2X11 Pitch 2.54mm
Height	9mm
Dimension	35.74mm x 9mm
Number of Pads	22
Number of Primitives	30



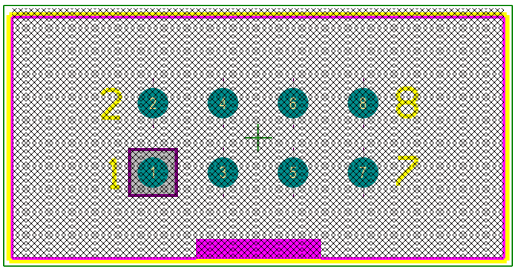
Library Reference	**BOX-HDR-3X2-2.54mm-RA**
Description	6 pins, right angled, gold plating
Height	9.1mm
Dimension	15.88mm x 14.555mm
Number of Pads	6
Number of Primitives	25



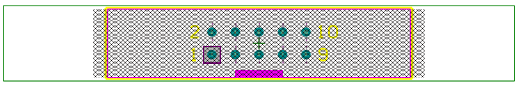
Library Reference	**BOX-HDR-3X2-2.54mm-S**
Description	6 pins, straight, gold plating
Height	9.1mm
Dimension	15.93mm x 9.6mm
Number of Pads	6
Number of Primitives	27



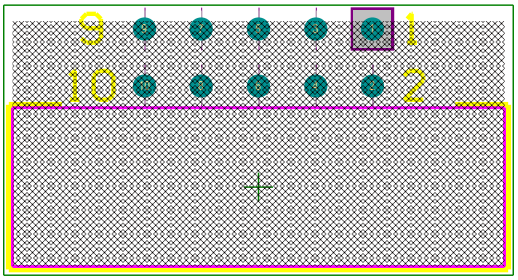
Library Reference	**BOX-HDR-4X2-2.54mm-RA**
Description	8 pins, right angled, gold plating
Height	9.1mm
Dimension	18.42mm x 14.555mm
Number of Pads	8
Number of Primitives	27



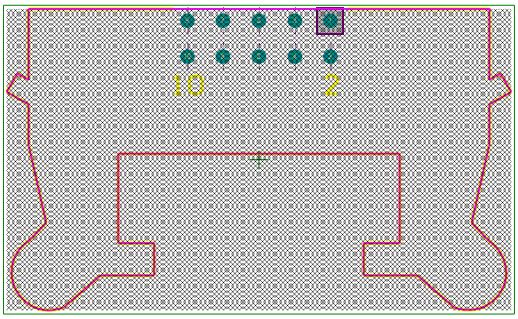
Library Reference	**BOX-HDR-4X2-2.54mm-S**
Description	8 pins, straight, gold plating
Height	9.1mm
Dimension	18.47mm x 9.6mm
Number of Pads	8
Number of Primitives	29



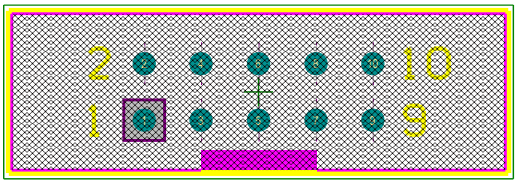
Library Reference	**Box-HDR-5x2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 10p
Height	16.85mm
Dimension	43.45mm x 6.65mm
Number of Pads	10
Number of Primitives	31



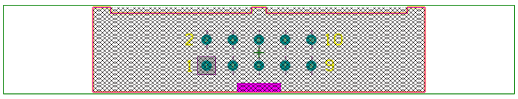
Library Reference	**Box-HDR-5x2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 10p
Height	5.4mm
Dimension	17.9mm x 9.55mm
Number of Pads	10
Number of Primitives	30



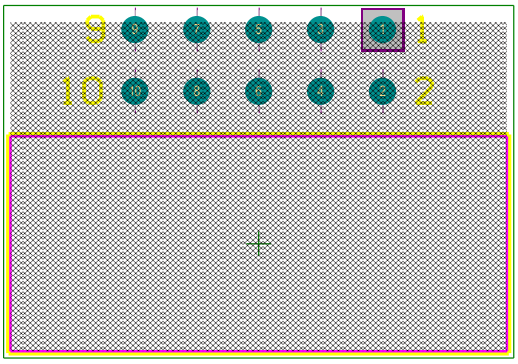
Library Reference	**BOX-HDR-5X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 10p
Height	3.15mm
Dimension	28.574mm x 17.3mm
Number of Pads	10
Number of Primitives	77



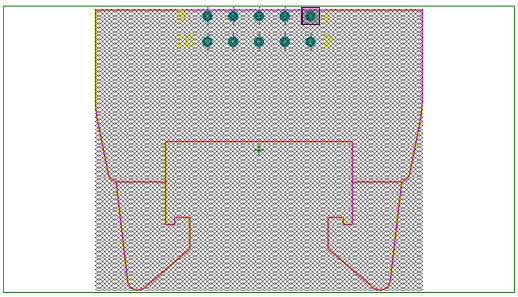
Library Reference	**BOX-HDR-5x2-2.00mm-S**
Description	2.00mm Male Box Header, 10p
Height	5.6mm
Dimension	17.85mm x 6.15mm
Number of Pads	10
Number of Primitives	31



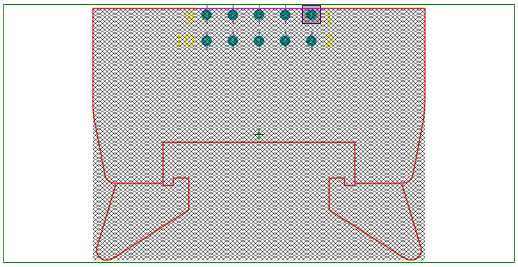
Library Reference	**BOX-HDR-5X2-2.54mm-LL**
Description	10 pins, straight, long lever, gold plating
Height	28mm
Dimension	49.65mm x 8.75mm
Number of Pads	10
Number of Primitives	47



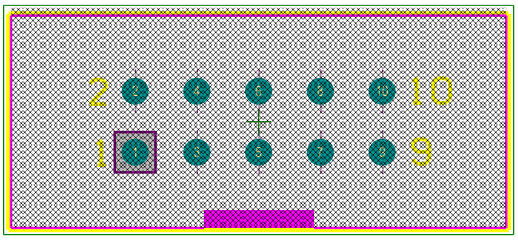
Library Reference	**BOX-HDR-5X2-2.54mm-RA**
Description	10 pins, right angled, gold plating
Height	9.1mm
Dimension	20.96mm x 14.555mm
Number of Pads	10
Number of Primitives	29



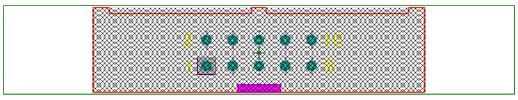
Library Reference	**BOX-HDR-5X2-2.54mm-RA-LL**
Description	10 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	50.45mm x 28.34mm
Number of Pads	10
Number of Primitives	78



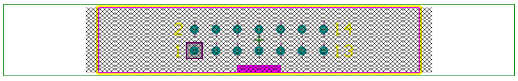
Library Reference	**BOX-HDR-5X2-2.54mm-RA-SL**
Description	10 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	49.65mm x 25.13mm
Number of Pads	10
Number of Primitives	78



Library Reference	**BOX-HDR-5X2-2.54mm-S**
Description	10 pins, straight, gold plating
Height	9.1mm
Dimension	21.01mm x 9.6mm
Number of Pads	10
Number of Primitives	31

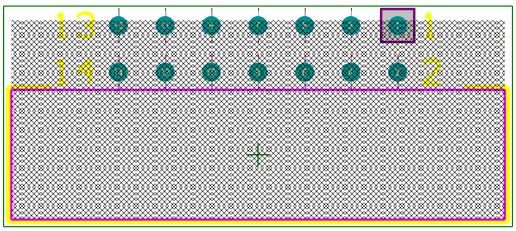


Library Reference	**BOX-HDR-5X2-2.54mm-SL**
Description	10 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	49.45mm x 8.75mm
Number of Pads	10
Number of Primitives	49

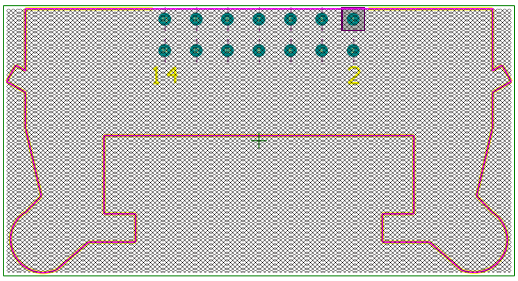


Library Reference	**BOX-HDR-7X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 14p

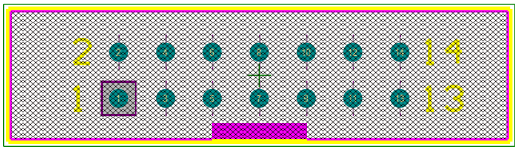
Height	16.85mm
Dimension	47.45mm x 6.65mm
Number of Pads	14
Number of Primitives	35



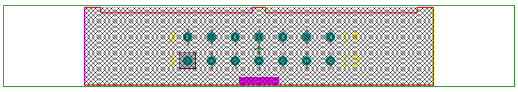
Library Reference	**BOX-HDR-7X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 14p
Height	5.4mm
Dimension	21.9mm x 9.55mm
Number of Pads	14
Number of Primitives	34



Library Reference	**BOX-HDR-7X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 14p
Height	3.15mm
Dimension	32.574mm x 17.3mm
Number of Pads	14
Number of Primitives	81

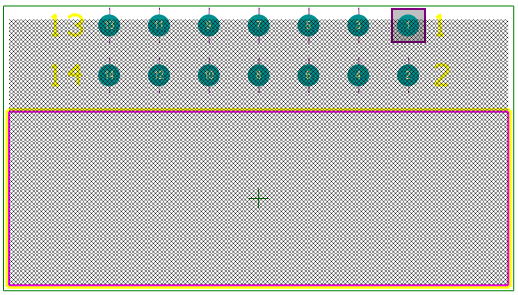


Library Reference	**BOX-HDR-7X2-2.00mm-S**
Description	2.00mm Male Box Header, 14p
Height	5.6mm
Dimension	21.85mm x 6.15mm
Number of Pads	14
Number of Primitives	35

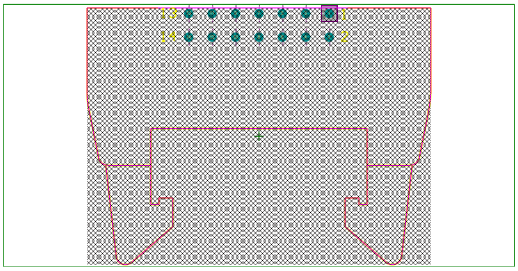


Library Reference	**BOX-HDR-7X2-2.54mm-LL**
Description	14 pins, straight, long lever, gold plating
Height	28mm
Dimension	54.73mm x 8.75mm
Number of Pads	14

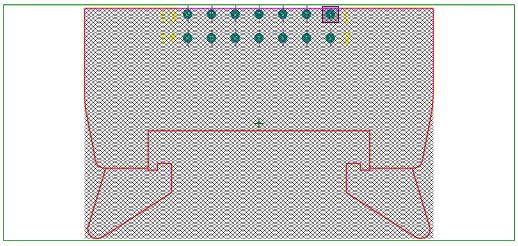
Number of Primitives	51



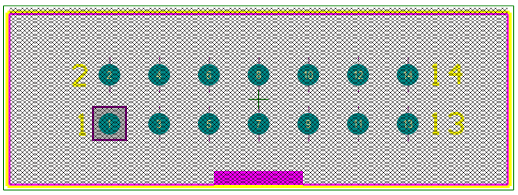
Library Reference	**BOX-HDR-7X2-2.54mm-RA**
Description	14 pins, right angled, gold plating
Height	9.1mm
Dimension	26.04mm x 14.555mm
Number of Pads	14
Number of Primitives	33



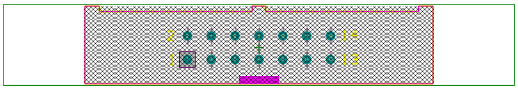
Library Reference	**BOX-HDR-7X2-2.54mm-RA-LL**
Description	14 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	55.53mm x 28.34mm
Number of Pads	14
Number of Primitives	82



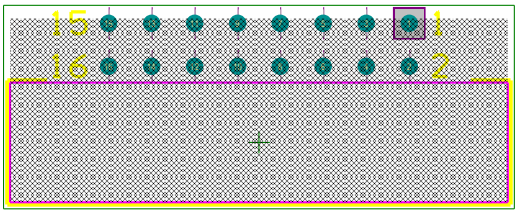
Library Reference	**BOX-HDR-7X2-2.54mm-RA-SL**
Description	14 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	54.73mm x 25.13mm
Number of Pads	14
Number of Primitives	82



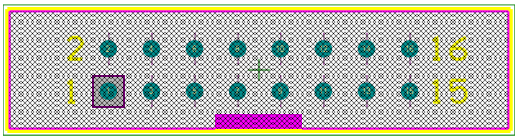
Library Reference	**BOX-HDR-7X2-2.54mm-S**
Description	14 pins, straight, gold plating
Height	9.1mm
Dimension	26.09mm x 9.6mm
Number of Pads	14
Number of Primitives	35



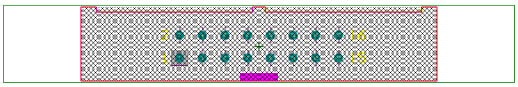
Library Reference	**BOX-HDR-7X2-2.54mm-SL**
Description	14 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	54.53mm x 8.75mm
Number of Pads	14
Number of Primitives	53



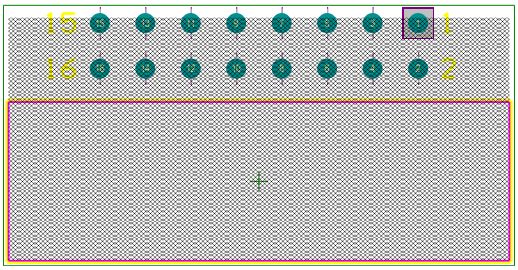
Library Reference	**BOX-HDR-8X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 16p
Height	5.4mm
Dimension	23.9mm x 9.55mm
Number of Pads	16
Number of Primitives	36



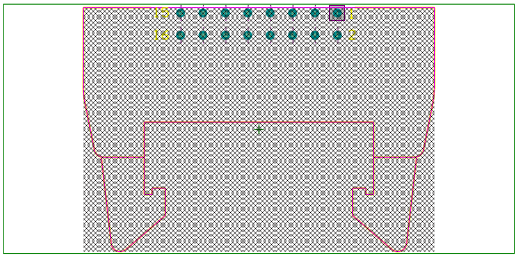
Library Reference	**BOX-HDR-8X2-2.00mm-S**
Description	2.00mm Male Box Header, 16p
Height	5.6mm
Dimension	23.85mm x 6.15mm
Number of Pads	16
Number of Primitives	37



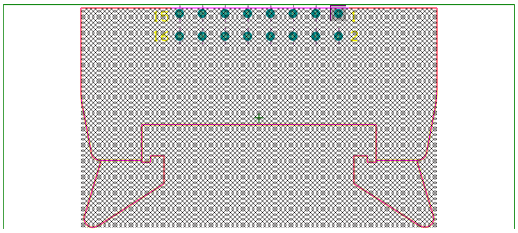
Library Reference	**BOX-HDR-8X2-2.54mm-LL**
Description	16 pins, straight, long lever, gold plating
Height	28mm
Dimension	57.27mm x 8.75mm
Number of Pads	16
Number of Primitives	53



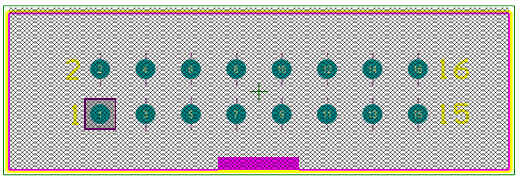
Library Reference	**BOX-HDR-8X2-2.54mm-RA**
Description	16 pins, right angled, gold plating
Height	9.1mm
Dimension	28.58mm x 14.555mm
Number of Pads	16
Number of Primitives	35



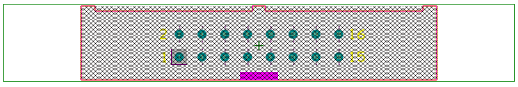
Library Reference	**BOX-HDR-8X2-2.54mm-RA-LL**
Description	16 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	58.07mm x 28.34mm
Number of Pads	16
Number of Primitives	84



Library Reference	**BOX-HDR-8X2-2.54mm-RA-SL**
Description	16 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	57.27mm x 25.13mm
Number of Pads	16
Number of Primitives	84

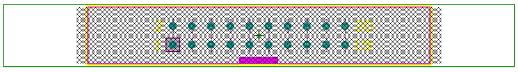


Library Reference	**BOX-HDR-8X2-2.54mm-S**
Description	16 pins, straight, gold plating
Height	9.1mm
Dimension	28.63mm x 9.6mm
Number of Pads	16
Number of Primitives	37

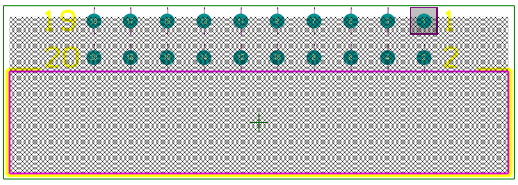


Library Reference	**BOX-HDR-8X2-2.54mm-SL**
Description	16 pins, straight, short lever, gold plating
Height	24.5mm

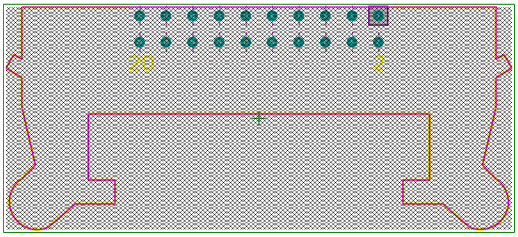
Dimension	57.07mm x 8.75mm
Number of Pads	16
Number of Primitives	55



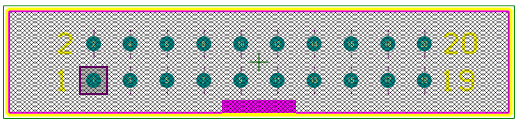
Library Reference	**BOX-HDR-10X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 20p
Height	16.85mm
Dimension	53.45mm x 6.65mm
Number of Pads	20
Number of Primitives	41



Library Reference	**BOX-HDR-10X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 20p
Height	5.4mm
Dimension	27.9mm x 9.55mm
Number of Pads	20
Number of Primitives	40

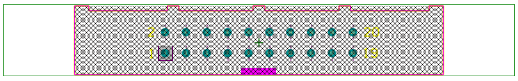


Library Reference	**BOX-HDR-10X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 20p
Height	3.15mm
Dimension	38.574mm x 17.3mm
Number of Pads	20
Number of Primitives	87

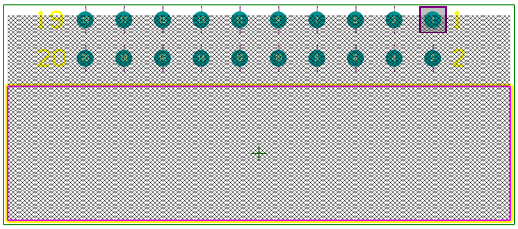


Library Reference	**BOX-HDR-10X2-2.00mm-S**
Description	2.00mm Male Box Header, 20p
Height	5.6mm
Dimension	27.85mm x 6.15mm
Number of Pads	20

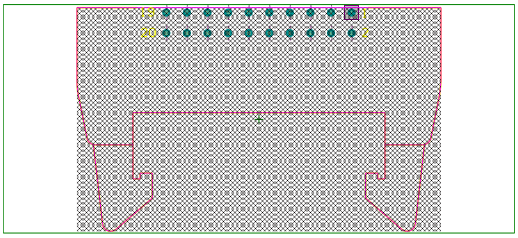
	Number of Primitives	41



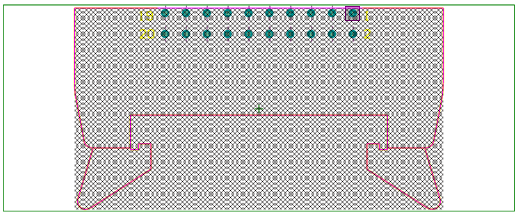
Library Reference	**BOX-HDR-10X2-2.54mm-LL**
Description	20 pins, straight, long lever, gold plating
Height	28mm
Dimension	62.35mm x 8.75mm
Number of Pads	20
Number of Primitives	73



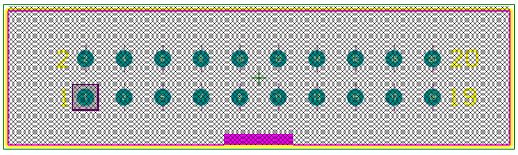
Library Reference	**BOX-HDR-10X2-2.54mm-RA**
Description	20 pins, right angled, gold plating
Height	9.1mm
Dimension	33.66mm x 14.555mm
Number of Pads	20
Number of Primitives	39



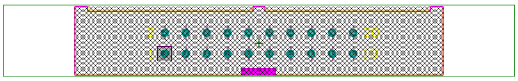
Library Reference	**BOX-HDR-10X2-2.54mm-RA-LL**
Description	20 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	63.15mm x 28.34mm
Number of Pads	20
Number of Primitives	88



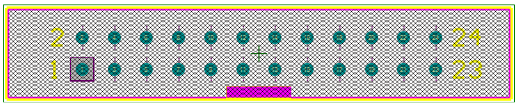
Library Reference	**BOX-HDR-10X2-2.54mm-RA-SL**
Description	20 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	62.35mm x 25.13mm
Number of Pads	20
Number of Primitives	88



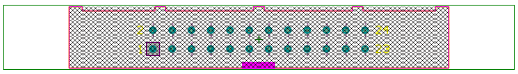
Library Reference	**BOX-HDR-10X2-2.54mm-S**
Description	20 pins, straight, gold plating
Height	9.1mm
Dimension	33.71mm x 9.6mm
Number of Pads	20
Number of Primitives	41



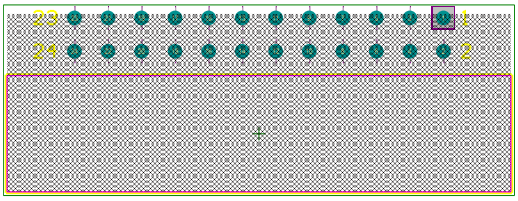
Library Reference	**BOX-HDR-10X2-2.54mm-SL**
Description	20 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	62.15mm x 8.75mm
Number of Pads	20
Number of Primitives	59



Library Reference	**BOX-HDR-12X2-2.00mm-S**
Description	2.00mm Male Box Header, 24p
Height	5.6mm
Dimension	31.85mm x 6.15mm
Number of Pads	24
Number of Primitives	45

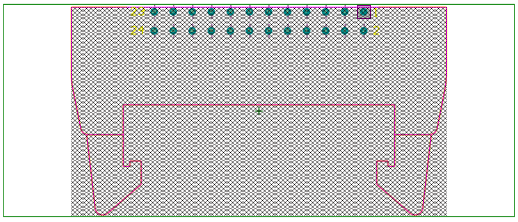


Library Reference	**BOX-HDR-12X2-2.54mm-LL**
Description	24 pins, straight, long lever, gold plating
Height	28mm
Dimension	67.43mm x 8.75mm
Number of Pads	24
Number of Primitives	77

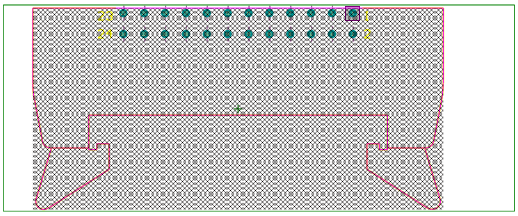


Library Reference	**BOX-HDR-12X2-2.54mm-RA**
Description	24 pins, right angled, gold plating
Height	9.1mm
Dimension	38.74mm x 14.555mm

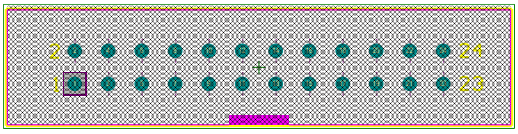
Number of Pads	24
Number of Primitives	43



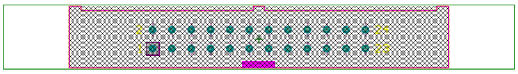
Library Reference	**BOX-HDR-12X2-2.54mm-RA-LL**
Description	24 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	68.23mm x 28.34mm
Number of Pads	24
Number of Primitives	92



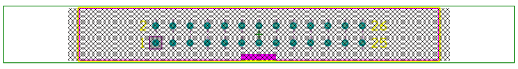
Library Reference	**BOX-HDR-12X2-2.54mm-RA-SL**
Description	24 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	62.35mm x 25.13mm
Number of Pads	24
Number of Primitives	92



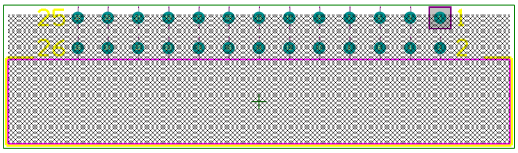
Library Reference	**BOX-HDR-12X2-2.54mm-S**
Description	24 pins, straight, gold plating
Height	9.1mm
Dimension	38.79mm x 9.6mm
Number of Pads	24
Number of Primitives	45



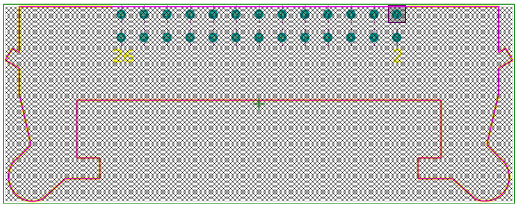
Library Reference	**BOX-HDR-12X2-2.54mm-SL**
Description	24 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	67.23mm x 8.75mm
Number of Pads	24
Number of Primitives	63



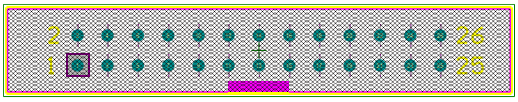
Library Reference	**BOX-HDR-13X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 26p
Height	16.85mm
Dimension	59.45mm x 6.65mm
Number of Pads	26
Number of Primitives	47



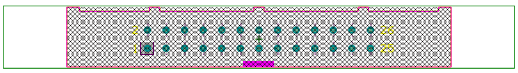
Library Reference	**BOX-HDR-13X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 26p
Height	5.4mm
Dimension	33.9mm x 9.55mm
Number of Pads	26
Number of Primitives	46



Library Reference	**BOX-HDR-13X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 26p
Height	3.15mm
Dimension	44.574mm x 17.3mm
Number of Pads	26
Number of Primitives	93

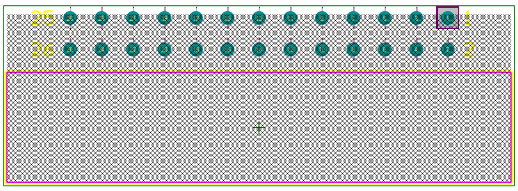


Library Reference	**BOX-HDR-13X2-2.00mm-S**
Description	2.00mm Male Box Header, 26p
Height	5.6mm
Dimension	33.85mm x 6.15mm
Number of Pads	26
Number of Primitives	47

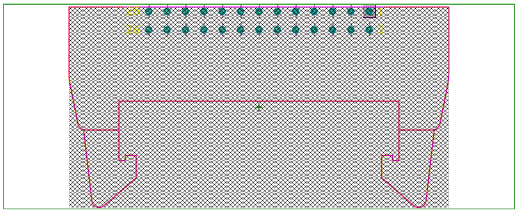


Library Reference	**BOX-HDR-13X2-2.54mm-LL**
Description	26 pins, straight, long lever, gold plating

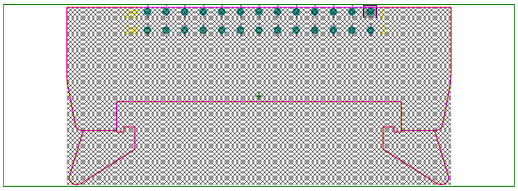
Height	28mm
Dimension	69.97mm x 8.75mm
Number of Pads	26
Number of Primitives	79



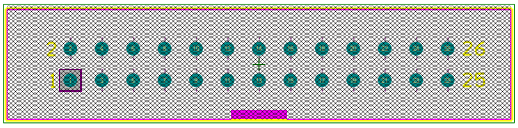
Library Reference	**BOX-HDR-13X2-2.54mm-RA**
Description	26 pins, right angled, gold plating
Height	9.1mm
Dimension	41.28mm x 14.555mm
Number of Pads	26
Number of Primitives	45



Library Reference	**BOX-HDR-13X2-2.54mm-RA-LL**
Description	26 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	70.77mm x 28.34mm
Number of Pads	26
Number of Primitives	94

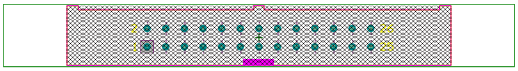


Library Reference	**BOX-HDR-13X2-2.54mm-RA-SL**
Description	26 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	69.97mm x 25.13mm
Number of Pads	26
Number of Primitives	94

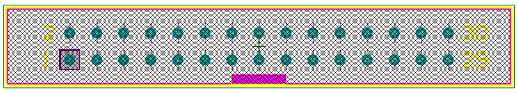


Library Reference	**BOX-HDR-13X2-2.54mm-S**
Description	26 pins, straight, gold plating
Height	9.1mm
Dimension	41.33mm x 9.6mm
Number of Pads	26

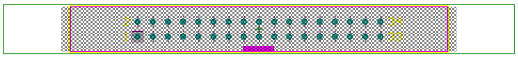
	Number of Primitives	47



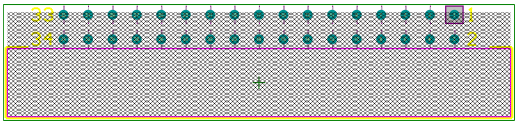
Library Reference	**BOX-HDR-13X2-2.54mm-SL**
Description	26 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	69.77mm x 8.75mm
Number of Pads	26
Number of Primitives	65



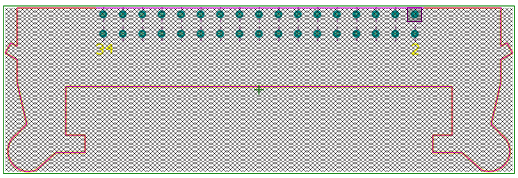
Library Reference	**BOX-HDR-15X2-2.00mm-S**
Description	2.00mm Male Box Header, 30p
Height	5.6mm
Dimension	37.85mm x 6.15mm
Number of Pads	30
Number of Primitives	51



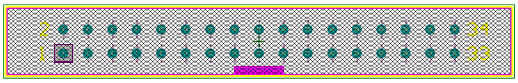
Library Reference	**BOX-HDR-17X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 34p
Height	16.85mm
Dimension	67.45mm x 6.65mm
Number of Pads	34
Number of Primitives	55



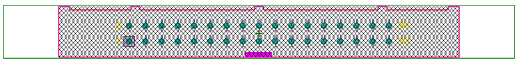
Library Reference	**BOX-HDR-17X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 34p
Height	5.4mm
Dimension	41.9mm x 9.55mm
Number of Pads	34
Number of Primitives	54



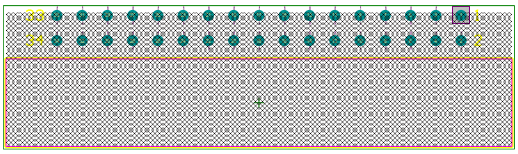
Library Reference	**BOX-HDR-17X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 34p
Height	3.15mm
Dimension	52.574mm x 17.3mm
Number of Pads	34
Number of Primitives	101



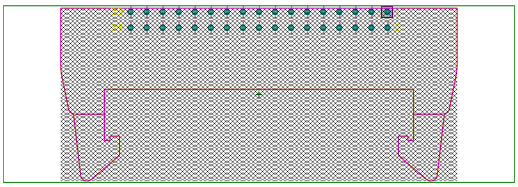
Library Reference	**BOX-HDR-17X2-2.00mm-S**
Description	2.00mm Male Box Header, 34p
Height	5.6mm
Dimension	41.85mm x 6.15mm
Number of Pads	34
Number of Primitives	55



Library Reference	**BOX-HDR-17X2-2.54mm-LL**
Description	34 pins, straight, long lever, gold plating
Height	28mm
Dimension	80.13mm x 8.75mm
Number of Pads	34
Number of Primitives	87

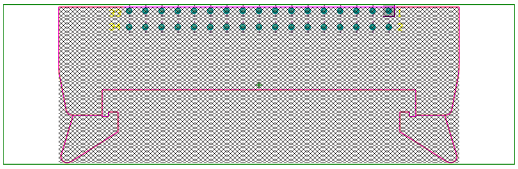


Library Reference	**BOX-HDR-17X2-2.54mm-RA**
Description	34 pins, right angled, gold plating
Height	9.1mm
Dimension	51.44mm x 14.555mm
Number of Pads	34
Number of Primitives	53

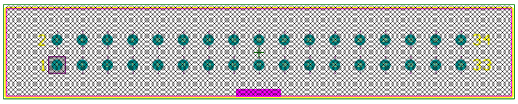


Library Reference	**BOX-HDR-17X2-2.54mm-RA-LL**
Description	34 pins, right angeled, long lever, gold plating
Height	10.8mm

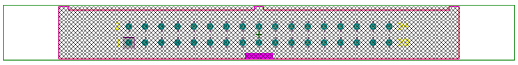
Dimension	80.93mm x 28.34mm
Number of Pads	34
Number of Primitives	102



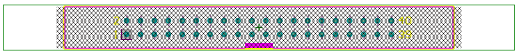
Library Reference	**BOX-HDR-17X2-2.54mm-RA-SL**
Description	34 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	80.13mm x 25.13mm
Number of Pads	34
Number of Primitives	102



Library Reference	**BOX-HDR-17X2-2.54mm-S**
Description	34 pins, straight, gold plating
Height	9.1mm
Dimension	51.49mm x 9.6mm
Number of Pads	34
Number of Primitives	55

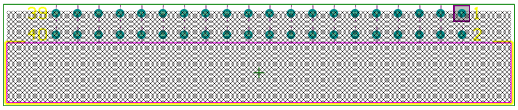


Library Reference	**BOX-HDR-17X2-2.54mm-SL**
Description	34 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	79.93mm x 8.75mm
Number of Pads	34
Number of Primitives	73

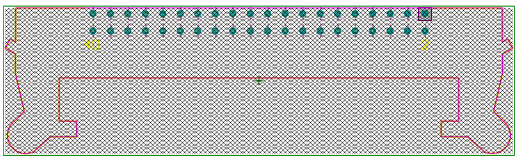


Library Reference	**BOX-HDR-20X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 40p
Height	16.85mm
Dimension	73.45mm x 6.65mm
Number of Pads	40

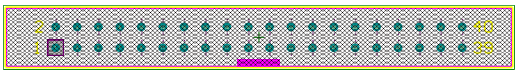
	Number of Primitives	61



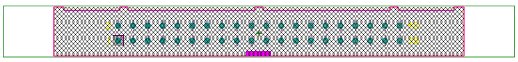
Library Reference	**BOX-HDR-20X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 40p
Height	5.4mm
Dimension	47.9mm x 9.55mm
Number of Pads	40
Number of Primitives	60



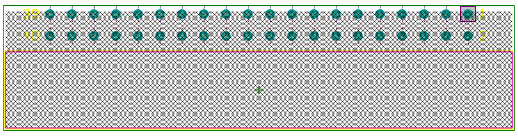
Library Reference	**BOX-HDR-20X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 40p
Height	3.15mm
Dimension	58.574mm x 17.3mm
Number of Pads	40
Number of Primitives	107



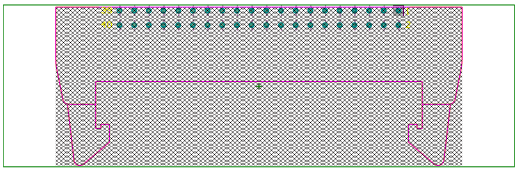
Library Reference	**BOX-HDR-20X2-2.00mm-S**
Description	2.00mm Male Box Header, 40p
Height	5.6mm
Dimension	47.85mm x 6.15mm
Number of Pads	40
Number of Primitives	61



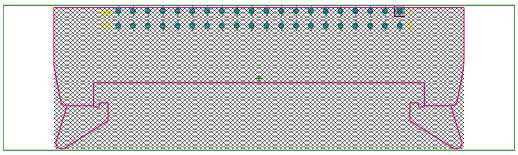
Library Reference	**BOX-HDR-20X2-2.54mm-LL**
Description	40 pins, straight, long lever, gold plating
Height	28mm
Dimension	87.75mm x 8.75mm
Number of Pads	40
Number of Primitives	93



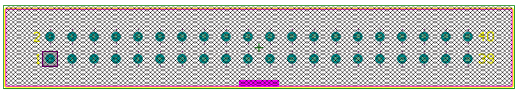
Library Reference	**BOX-HDR-20X2-2.54mm-RA**
Description	40 pins, right angled, gold plating
Height	9.1mm
Dimension	59.06mm x 14.555mm
Number of Pads	40
Number of Primitives	59



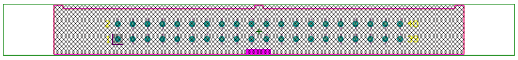
Library Reference	**BOX-HDR-20X2-2.54mm-RA-LL**
Description	40 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	88.55mm x 28.34mm
Number of Pads	40
Number of Primitives	108



Library Reference	**BOX-HDR-20X2-2.54mm-RA-SL**
Description	40 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	87.75mm x 25.13mm
Number of Pads	40
Number of Primitives	108

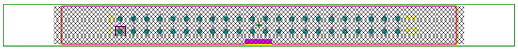


Library Reference	**BOX-HDR-20X2-2.54mm-S**
Description	40 pins, straight, gold plating
Height	9.1mm
Dimension	59.11mm x 9.6mm
Number of Pads	40
Number of Primitives	61

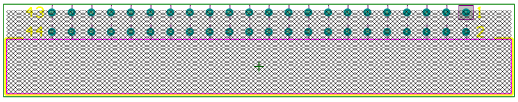


Library Reference	**BOX-HDR-20X2-2.54mm-SL**
Description	40 pins, straight, short lever, gold plating
Height	24.5mm

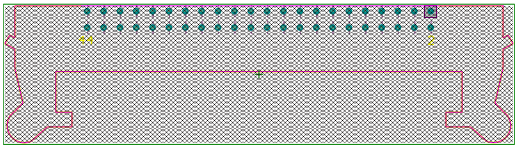
Dimension	87.55mm x 8.75mm
Number of Pads	40
Number of Primitives	79



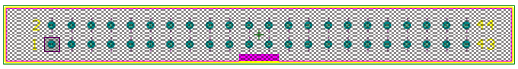
Library Reference	**BOX-HDR-22X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 44p
Height	16.85mm
Dimension	77.45mm x 6.65mm
Number of Pads	44
Number of Primitives	65



Library Reference	**BOX-HDR-22X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 44p
Height	5.4mm
Dimension	51.9mm x 9.55mm
Number of Pads	44
Number of Primitives	64

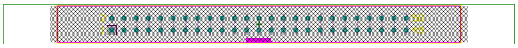


Library Reference	**BOX-HDR-22X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 44p
Height	3.15mm
Dimension	62.574mm x 17.3mm
Number of Pads	44
Number of Primitives	111

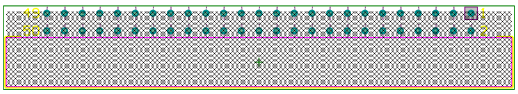


Library Reference	**BOX-HDR-22X2-2.00mm-S**
Description	2.00mm Male Box Header, 44p
Height	5.6mm
Dimension	51.85mm x 6.15mm
Number of Pads	44

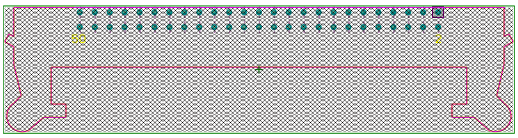
Number of Primitives	65



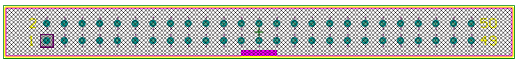
Library Reference	**BOX-HDR-25X2-2.00mm-L**
Description	2.00mm Male Box Header with Lever, 50p
Height	16.85mm
Dimension	83.45mm x 6.65mm
Number of Pads	50
Number of Primitives	71



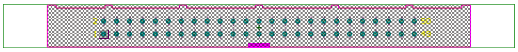
Library Reference	**BOX-HDR-25X2-2.00mm-RA**
Description	2.00mm Male Angled Box Header, 50p
Height	5.4mm
Dimension	57.9mm x 9.55mm
Number of Pads	50
Number of Primitives	70



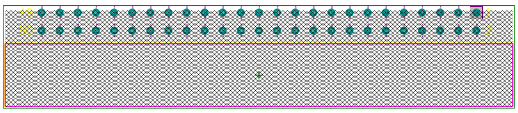
Library Reference	**BOX-HDR-25X2-2.00mm-RA-L**
Description	2.00mm Male Angled Box Header with Lever, 50p
Height	3.15mm
Dimension	68.574mm x 17.3mm
Number of Pads	50
Number of Primitives	117



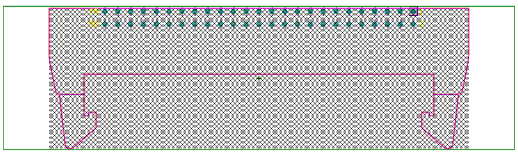
Library Reference	**BOX-HDR-25X2-2.00mm-S**
Description	2.00mm Male Box Header, 50p
Height	5.6mm
Dimension	57.85mm x 6.15mm
Number of Pads	50
Number of Primitives	71



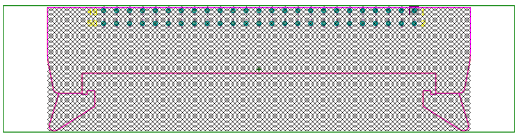
Library Reference	**BOX-HDR-25X2-2.54mm-LL**
Description	50 pins, straight, long lever, gold plating
Height	28mm
Dimension	100.45mm x 8.75mm
Number of Pads	50
Number of Primitives	119



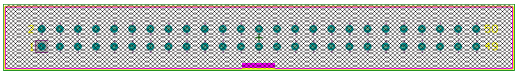
Library Reference	**BOX-HDR-25X2-2.54mm-RA**
Description	50 pins, right angled, gold plating
Height	9.1mm
Dimension	71.76mm x 14.555mm
Number of Pads	50
Number of Primitives	69



Library Reference	**BOX-HDR-25X2-2.54mm-RA-LL**
Description	50 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	101.25mm x 28.34mm
Number of Pads	50
Number of Primitives	118

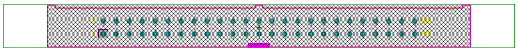


Library Reference	**BOX-HDR-25X2-2.54mm-RA-SL**
Description	50 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	100.45mm x 25.13mm
Number of Pads	50
Number of Primitives	118

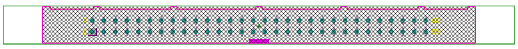


Library Reference	**BOX-HDR-25X2-2.54mm-S**
Description	50 pins, straight, gold plating
Height	9.1mm

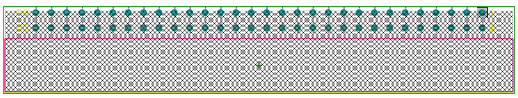
Dimension	71.81mm x 9.6mm
Number of Pads	50
Number of Primitives	71



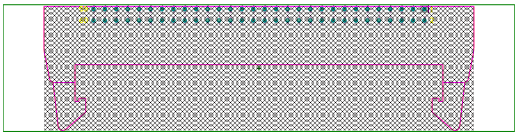
Library Reference	**BOX-HDR-25X2-2.54mm-SL**
Description	50 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	100.25mm x 8.75mm
Number of Pads	50
Number of Primitives	89



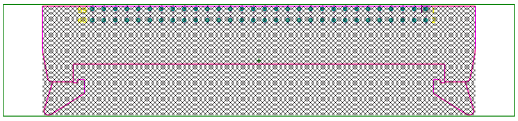
Library Reference	**BOX-HDR-30X2-2.54mm-LL**
Description	60 pins, straight, long lever, gold plating
Height	28mm
Dimension	113.15mm x 8.75mm
Number of Pads	60
Number of Primitives	129



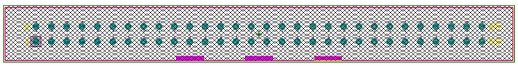
Library Reference	**BOX-HDR-30X2-2.54mm-RA**
Description	60 pins, right angled, gold plating
Height	9.1mm
Dimension	84.46mm x 14.555mm
Number of Pads	60
Number of Primitives	79



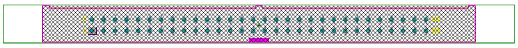
Library Reference	**BOX-HDR-30X2-2.54mm-RA-LL**
Description	60 pins, right angeled, long lever, gold plating
Height	10.8mm
Dimension	113.95mm x 28.34mm
Number of Pads	60
Number of Primitives	128



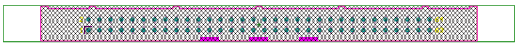
Library Reference	**BOX-HDR-30X2-2.54mm-RA-SL**
Description	60 pins, right angeled, short lever, gold plating
Height	8.3mm
Dimension	113.15mm x 25.13mm
Number of Pads	60
Number of Primitives	128



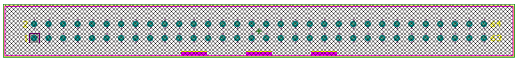
Library Reference	**BOX-HDR-30X2-2.54mm-S**
Description	60 pins, straight, gold plating
Height	9.1mm
Dimension	84.51mm x 9.6mm
Number of Pads	60
Number of Primitives	85



Library Reference	**BOX-HDR-30X2-2.54mm-SL**
Description	60 pins, straight, short lever, gold plating
Height	24.5mm
Dimension	112.95mm x 8.75mm
Number of Pads	60
Number of Primitives	99

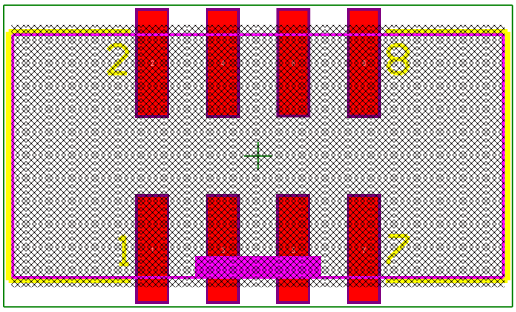


Library Reference	**BOX-HDR-32X2-2.54mm-LL**
Description	64 pins, straight, long lever, gold plating
Height	28mm
Dimension	118.23mm x 8.75mm
Number of Pads	64
Number of Primitives	137

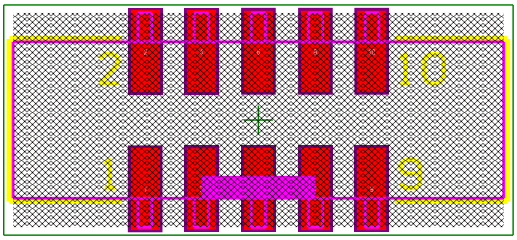


Library Reference	**BOX-HDR-32X2-2.54mm-S**
Description	64 pins, straight, gold plating
Height	9.1mm

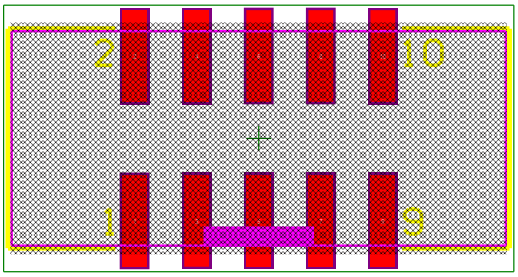
Dimension	89.59mm x 9.6mm
Number of Pads	64
Number of Primitives	89



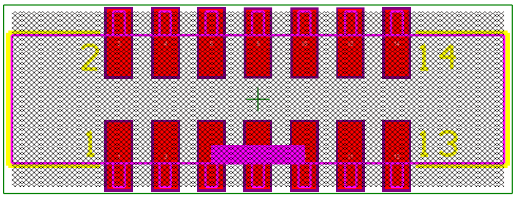
Library Reference	**BOX-HDR-SMD-4X2-2.54mm-S**
Description	8 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	18.41mm x 10.95mm
Number of Pads	8
Number of Primitives	30



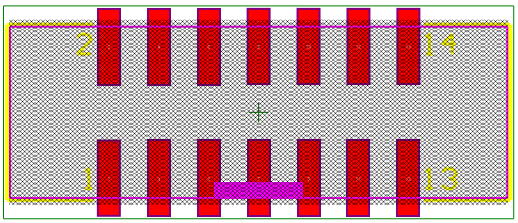
Library Reference	**BOX-HDR-SMD-5X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 10p
Height	6.8mm
Dimension	18mm x 8.15mm
Number of Pads	10
Number of Primitives	62



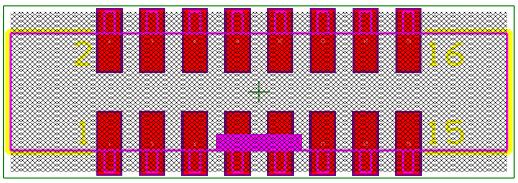
Library Reference	**BOX-HDR-SMD-5X2-2.54mm-S**
Description	10 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	20.95mm x 10.95mm
Number of Pads	10
Number of Primitives	32



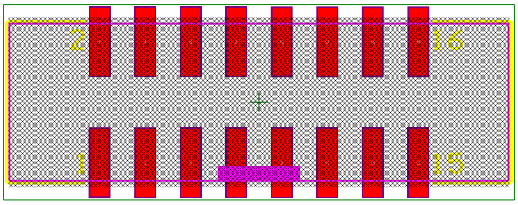
Library Reference	**BOX-HDR-SMD-7X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 14p
Height	6.8mm
Dimension	22mm x 8.15mm
Number of Pads	14
Number of Primitives	78



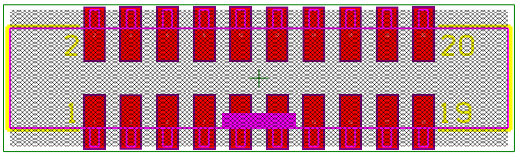
Library Reference	**BOX-HDR-SMD-7X2-2.54mm-S**
Description	14 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	26.03mm x 10.95mm
Number of Pads	14
Number of Primitives	36



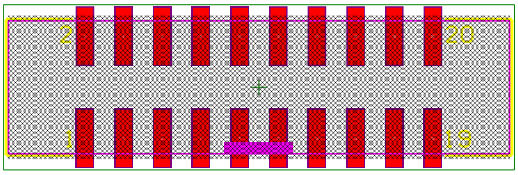
Library Reference	**BOX-HDR-SMD-8X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 16p
Height	6.8mm
Dimension	24mm x 8.15mm
Number of Pads	16
Number of Primitives	86



Library Reference	**BOX-HDR-SMD-8X2-2.54mm-S**
Description	16 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	28.57mm x 10.95mm
Number of Pads	16
Number of Primitives	38

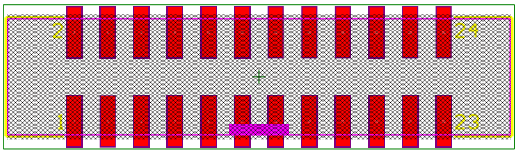


Library Reference	**BOX-HDR-SMD-10X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 20p
Height	6.8mm
Dimension	28mm x 8.15mm
Number of Pads	20
Number of Primitives	102

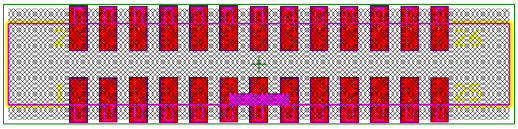


Library Reference	**BOX-HDR-SMD-10X2-2.54mm-S**
Description	20 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	33.65mm x 10.95mm

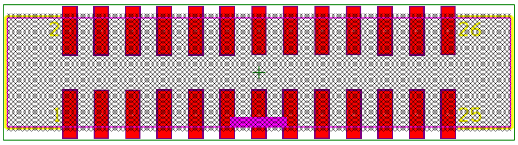
Number of Pads	20
Number of Primitives	42



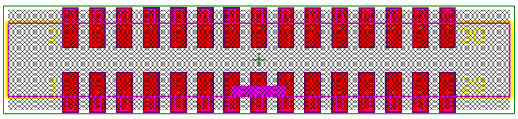
Library Reference	**BOX-HDR-SMD-12X2-2.54mm-S**
Description	24 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	38.73mm x 10.95mm
Number of Pads	24
Number of Primitives	46



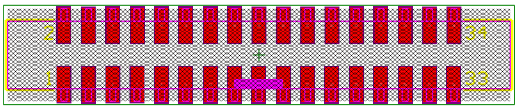
Library Reference	**BOX-HDR-SMD-13X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 26p
Height	6.8mm
Dimension	34mm x 8.15mm
Number of Pads	26
Number of Primitives	126



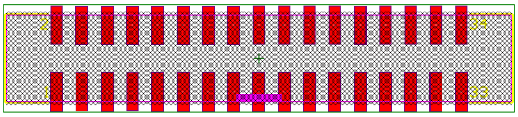
Library Reference	**BOX-HDR-SMD-13X2-2.54mm-S**
Description	26 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	41.27mm x 10.95mm
Number of Pads	26
Number of Primitives	48



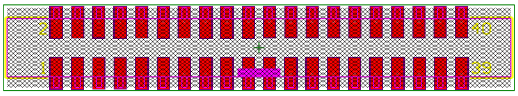
Library Reference	**BOX-HDR-SMD-15X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 30p
Height	6.8mm
Dimension	38mm x 8.15mm
Number of Pads	30
Number of Primitives	142



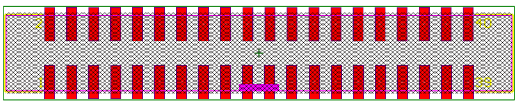
Library Reference	**BOX-HDR-SMD-17X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 34p
Height	6.8mm
Dimension	42mm x 8.15mm
Number of Pads	34
Number of Primitives	158



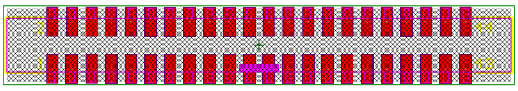
Library Reference	**BOX-HDR-SMD-17X2-2.54mm-S**
Description	34 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	51.43mm x 10.95mm
Number of Pads	34
Number of Primitives	56



Library Reference	**BOX-HDR-SMD-20X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 40p
Height	6.8mm
Dimension	48mm x 8.15mm
Number of Pads	40
Number of Primitives	182

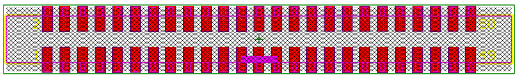


Library Reference	**BOX-HDR-SMD-20X2-2.54mm-S**
Description	40 pins, SMT, straight, gold plating
Height	9.2mm
Dimension	59.05mm x 10.95mm
Number of Pads	40
Number of Primitives	62

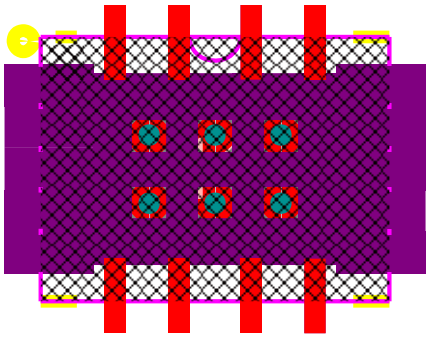


Library Reference	**BOX-HDR-SMD-22X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 44p
Height	6.8mm
Dimension	52mm x 8.15mm

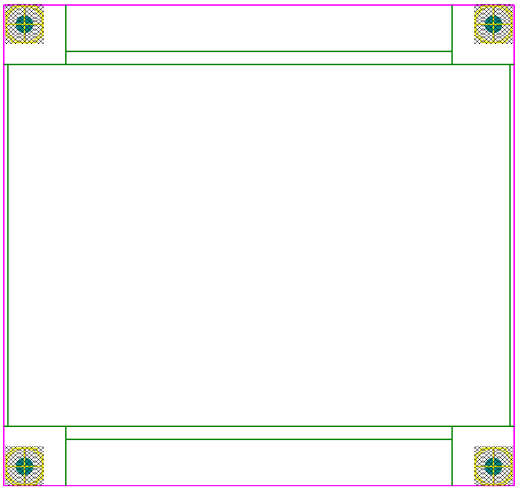
Number of Pads	44
Number of Primitives	198



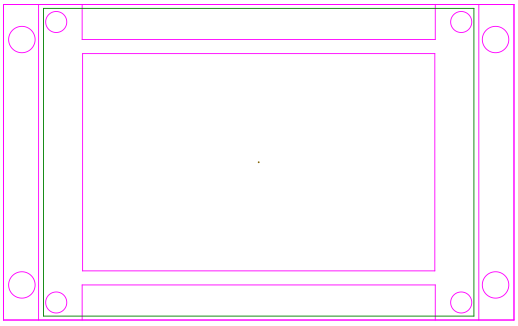
Library Reference	**BOX-HDR-SMD-25X2-2.00mm-S**
Description	2.00mm Male SMT Box Header, 50p
Height	6.8mm
Dimension	58mm x 8.15mm
Number of Pads	50
Number of Primitives	222



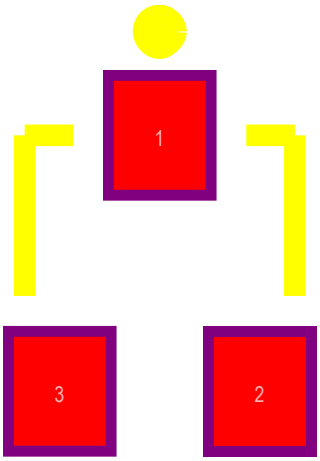
Library Reference	**BQ27X00-DRK-10**
Description	BQ27200,BQ27000 DRK(S-PVSON-N10)
Height	1mm
Dimension	5.016mm x 3.9mm
Number of Pads	17
Number of Primitives	112



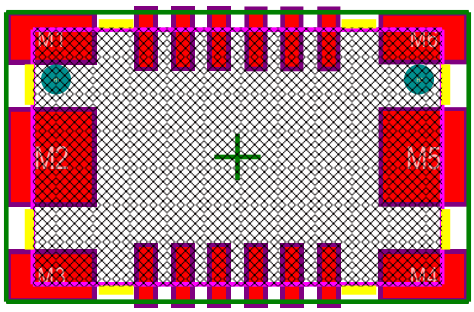
Library Reference	**BRT80006**
Description	
Height	0mm
Dimension	92.754mm x 87.254mm
Number of Pads	4
Number of Primitives	158



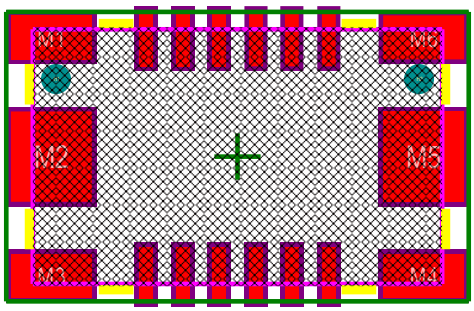
Library Reference	**BRT80007-A1**
Description	
Height	40mm
Dimension	145.254mm x 90.254mm
Number of Pads	0
Number of Primitives	29



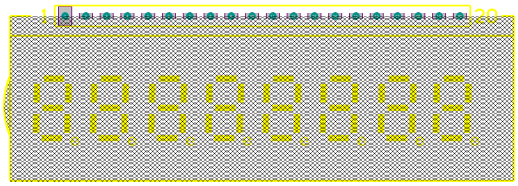
Library Reference	**BSS138**
Description	
Height	0mm
Dimension	2.953mm x 4.211mm
Number of Pads	3
Number of Primitives	8



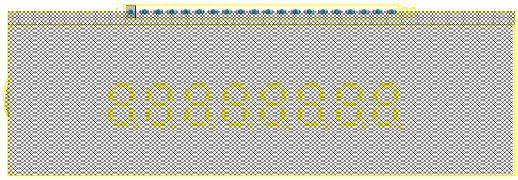
Library Reference	**BTB0.8_12F**
Description	BTB0.8-12M/F-6.0LG
Height	3.35mm
Dimension	10.26mm x 6.603mm
Number of Pads	20
Number of Primitives	39



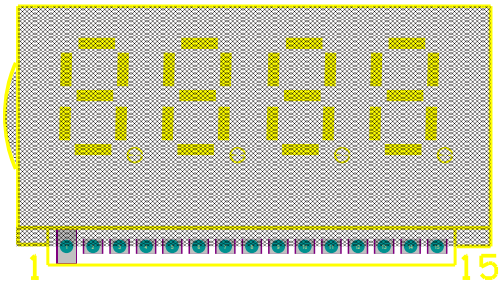
Library Reference	**BTB0.8_12M**
Description	BTB0.8-12M/F-6.0LG
Height	3.35mm
Dimension	10.26mm x 6.603mm
Number of Pads	20
Number of Primitives	39



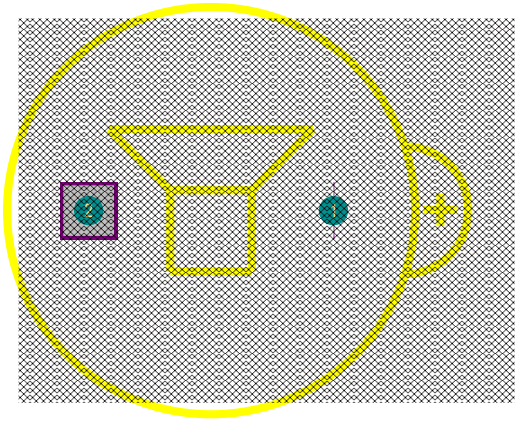
Library Reference	**BTL004**
Description	BTL004
Height	2.8mm
Dimension	62.583mm x 21.563mm
Number of Pads	20
Number of Primitives	101



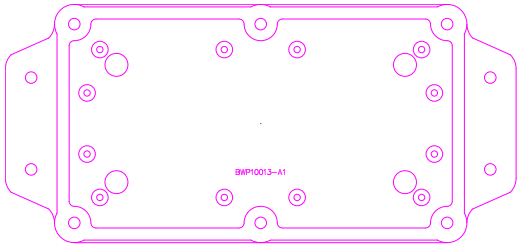
Library Reference	**BTL008**
Description	
Height	0mm
Dimension	94.759mm x 31.977mm
Number of Pads	20
Number of Primitives	101



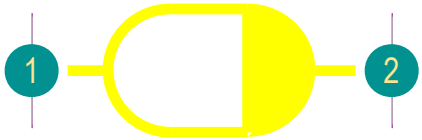
Library Reference	**BTL010**
Description	BTL010
Height	2.8mm
Dimension	33.782mm x 18.923mm
Number of Pads	15
Number of Primitives	66



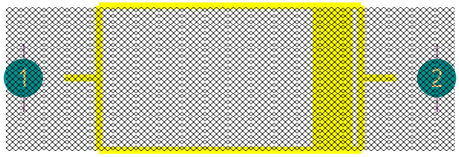
Library Reference	**BUZZER_TMB12A05**
Description	Integrated Buzzer
Height	9.7mm
Dimension	15.931mm x 12.954mm
Number of Pads	2
Number of Primitives	13



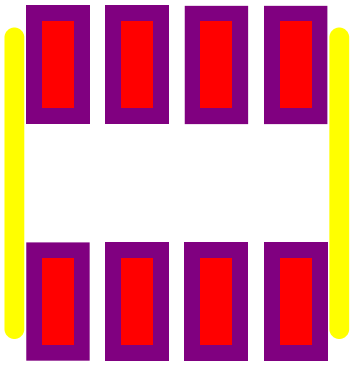
Library Reference	**BWP10013-A1**
Description	Water Proof Enclosure
Height	66mm
Dimension	200.254mm x 93.754mm
Number of Pads	0
Number of Primitives	92



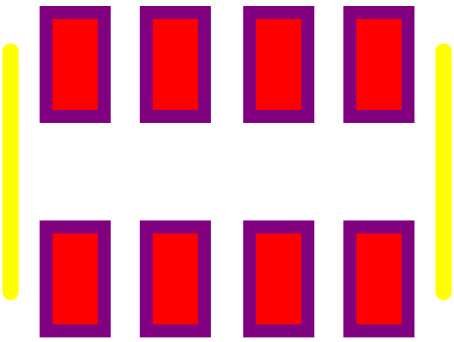
Library Reference	**BYV28**
Description	
Height	0mm
Dimension	13.411mm x 3.861mm
Number of Pads	2
Number of Primitives	16



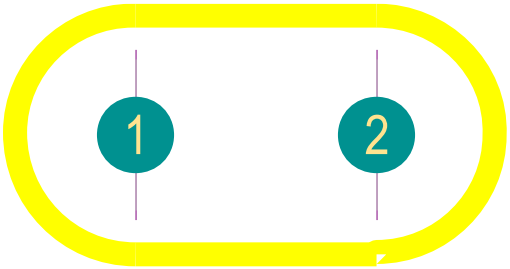
Library Reference	**BYW98**
Description	
Height	0mm
Dimension	17.475mm x 5.588mm
Number of Pads	2
Number of Primitives	10



Library Reference	**C0805Arr**
Description	
Height	0mm
Dimension	2.227mm x 2.253mm
Number of Pads	8
Number of Primitives	10



Library Reference	**C1206Arr**
Description	
Height	0mm
Dimension	3.527mm x 2.603mm
Number of Pads	8
Number of Primitives	10



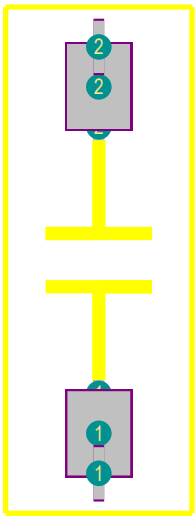
Library Reference	**Cap 0.1**
Description	
Height	0mm
Dimension	5.334mm x 2.794mm
Number of Pads	2
Number of Primitives	6

Library Reference	**Cap 0.2**
Description	
Height	0mm
Dimension	7.874mm x 2.794mm
Number of Pads	2
Number of Primitives	6

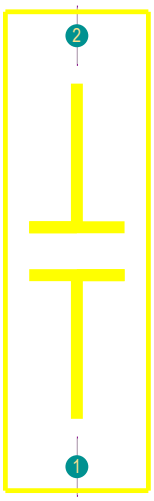
Library Reference	**Cap 0.3**
Description	
Height	0mm
Dimension	11.684mm x 4.064mm
Number of Pads	2
Number of Primitives	6

Library Reference	**Cap 0.3N**
Description	
Height	0mm
Dimension	14.224mm x 4.064mm
Number of Pads	2
Number of Primitives	6

Library Reference	**CAP 0.6**
Description	
Height	0mm
Dimension	18.034mm x 5.334mm
Number of Pads	2
Number of Primitives	6

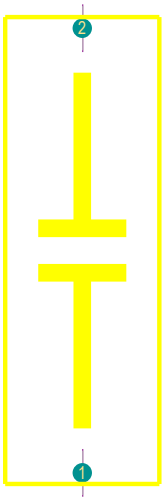


Library Reference	**CAP 0.8**
Description	
Height	0mm
Dimension	9.144mm x 24.384mm
Number of Pads	6
Number of Primitives	16

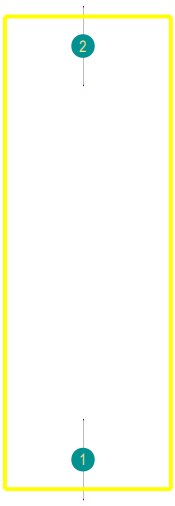


Library Reference	**CAP 0.9**
Description	
Height	0mm
Dimension	7.874mm x 26.063mm
Number of Pads	2
Number of Primitives	12

Library Reference	**Cap 0.15**
Description	
Height	0mm
Dimension	6.604mm x 2.794mm
Number of Pads	2
Number of Primitives	6



Library Reference	**CAP 1.0**
Description	
Height	0mm
Dimension	9.144mm x 28.143mm
Number of Pads	2
Number of Primitives	10

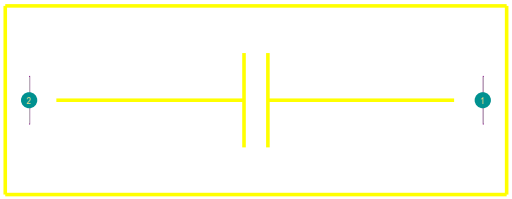


Library Reference	**CAP 1.05**
Description	
Height	0mm
Dimension	11.049mm x 31.913mm
Number of Pads	2
Number of Primitives	6

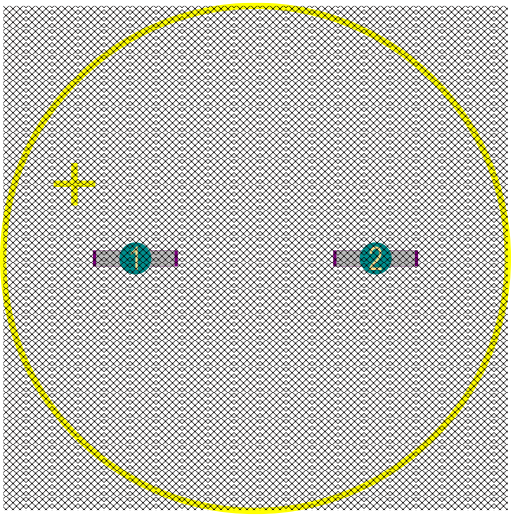
Library Reference	**Cap-PE**
Description	
Height	0mm
Dimension	18.034mm x 6.604mm
Number of Pads	2
Number of Primitives	6

Library Reference	**Cap-PE-3kv**
Description	
Height	0mm
Dimension	12.363mm x 4.699mm
Number of Pads	2
Number of Primitives	6

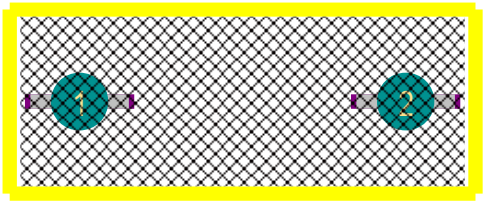
Library Reference	**Cap-PE-3kv-S**
Description	
Height	0mm
Dimension	11.093mm x 4.699mm
Number of Pads	2
Number of Primitives	6



Library Reference	**CAP-Snubber**
Description	
Height	0mm
Dimension	53.721mm x 20.701mm
Number of Pads	2
Number of Primitives	10



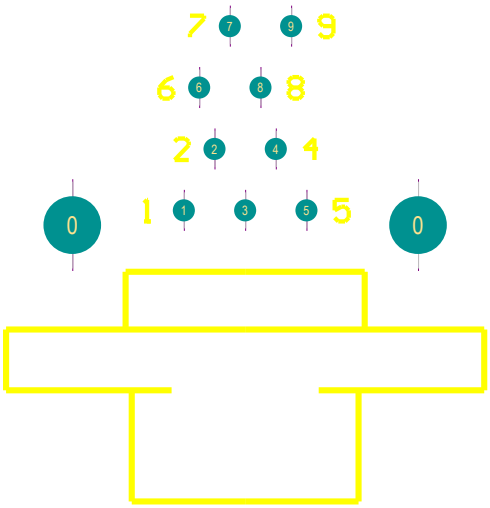
Library Reference	**CAP_1620**
Description	
Height	20mm
Dimension	16.2mm x 16.2mm
Number of Pads	2
Number of Primitives	5



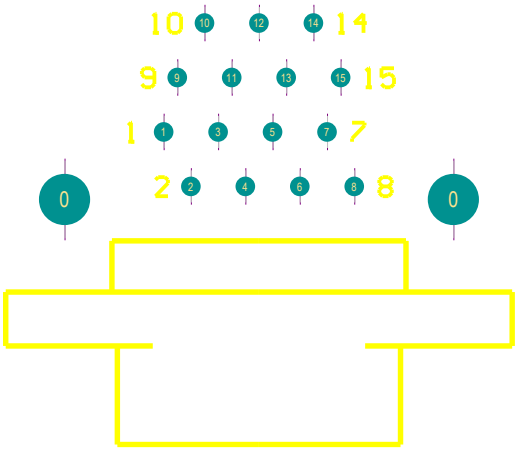
Library Reference	**CAP_POLY_6X2_5**
Description	CAP, FILM MKT, 6.3X2.4mm, pitch: 4.7mm
Height	8.5mm
Dimension	6.8mm x 2.8mm
Number of Pads	2
Number of Primitives	7

Library Reference	**CAP_POLY_24X6**
Description	CAP, POLYESTER, 23.8X12mm pitch: 20.0mm, 100nF 630V
Height	0mm
Dimension	24.2mm x 6.2mm
Number of Pads	2
Number of Primitives	12

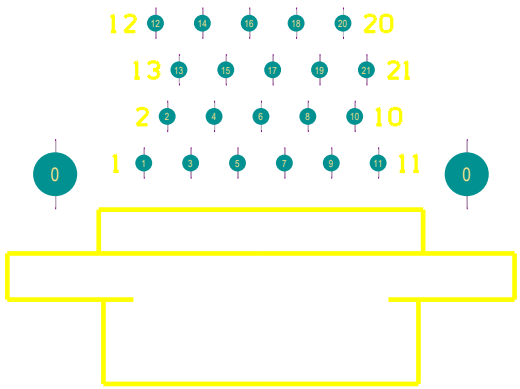
Library Reference	**CAP_X1_F11**
Description	EMI suppressor, class X1, metallized polypropylene
Height	20.5mm
Dimension	31.881mm x 10.881mm
Number of Pads	2
Number of Primitives	6



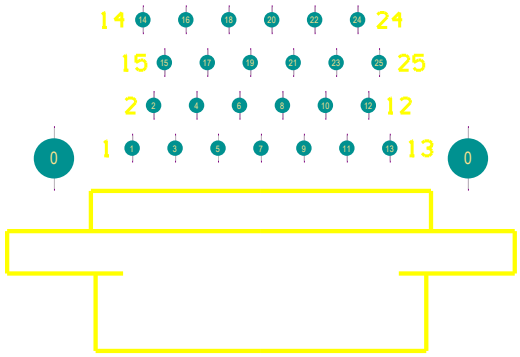
Library Reference	**CDb-9ZYW**
Description	CDb Right Angle PCB Male 9-Pin
Height	5.4mm
Dimension	20.054mm x 20.914mm
Number of Pads	11
Number of Primitives	33



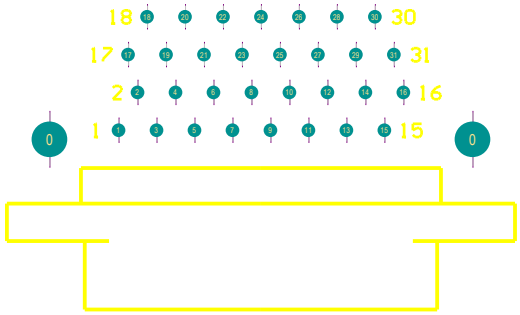
Library Reference	**CDb-15ZYW**
Description	CDb Right Angle PCB Male 15-Pin
Height	5.4mm
Dimension	23.864mm x 20.914mm
Number of Pads	17
Number of Primitives	39



Library Reference	**CDb-21ZYW**
Description	CDb Right Angle PCB Male 21-Pin
Height	5.4mm
Dimension	27.754mm x 20.914mm
Number of Pads	23
Number of Primitives	45

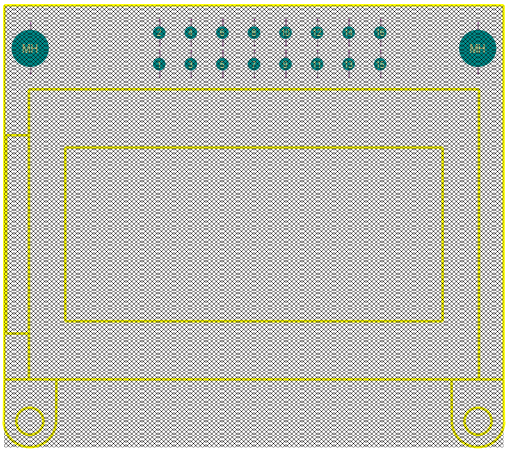


Library Reference	**CDb-25ZYW**
Description	CDb Right Angle PCB Male 25-Pin
Height	5.4mm
Dimension	30.254mm x 20.914mm
Number of Pads	27
Number of Primitives	49

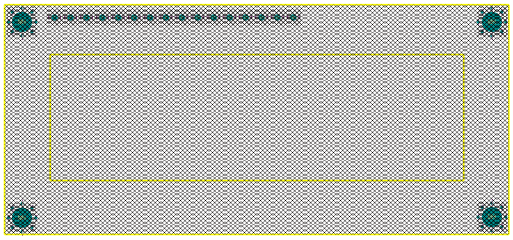


Library Reference	**CDb-31ZYW**
Description	CDb Right Angle PCB Male 31-Pin
Height	5.4mm
Dimension	34.254mm x 20.914mm
Number of Pads	33
Number of Primitives	55

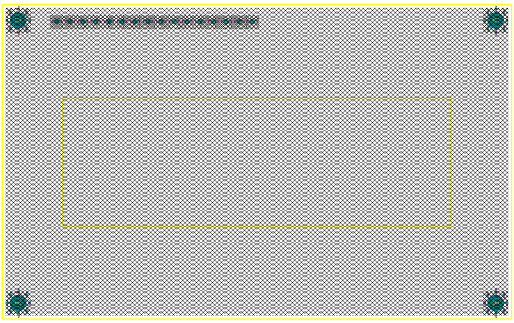
Library Reference	**CDb-37ZYW**
Description	CDb Right Angle PCB Male 37-Pin
Height	5.4mm
Dimension	37.854mm x 20.914mm
Number of Pads	39
Number of Primitives	61



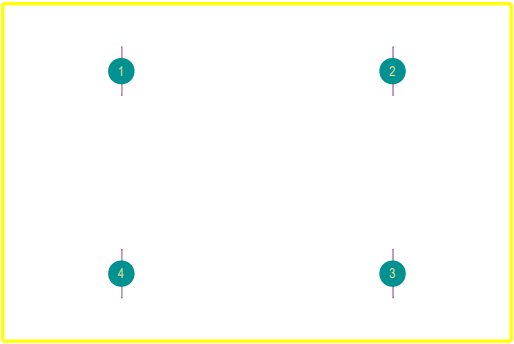
Library Reference	**Char LCD 8X2**
Description	LCD 8x2 , 16-Leads, Pitch 2.54mm
Height	12.8mm
Dimension	40.45mm x 35.9mm
Number of Pads	18
Number of Primitives	41



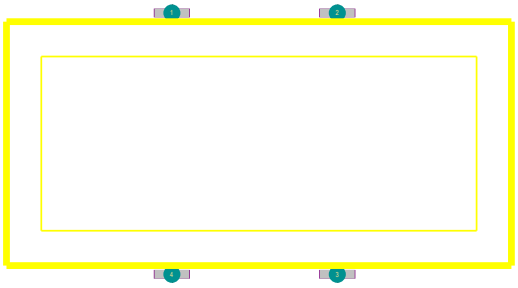
Library Reference	**Char LCD 16x2**
Description	LCD 16x2 , 16-Leads, Pitch 2.54mm
Height	0mm
Dimension	80.771mm x 36.811mm
Number of Pads	52
Number of Primitives	66



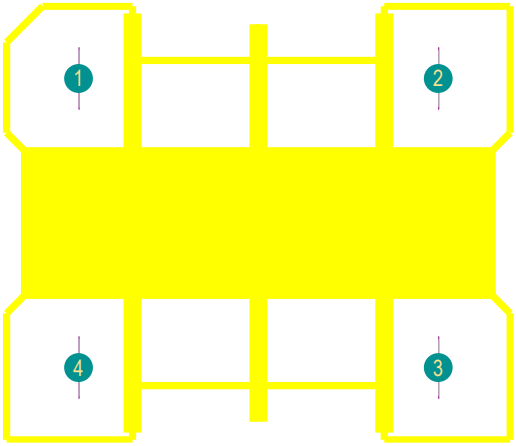
Library Reference	**Char LCD 20x4**
Description	LCD 20x4 , 16-Leads, Pitch 2.54mm
Height	0mm
Dimension	99.454mm x 61.454mm
Number of Pads	52
Number of Primitives	66



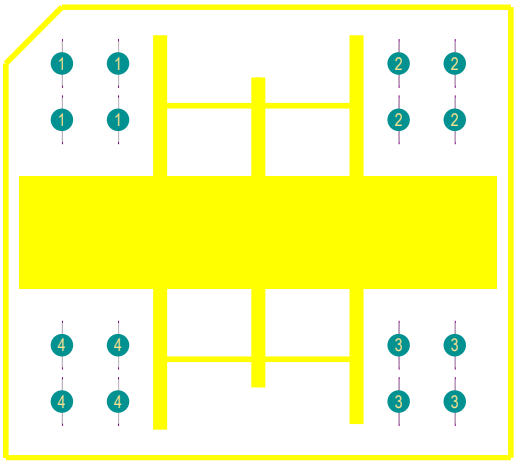
Library Reference	**CMC-1.0x1.5**
Description	
Height	0mm
Dimension	38.354mm x 25.654mm
Number of Pads	4
Number of Primitives	8



Library Reference	**CMC-1.0x2.5**
Description	
Height	0mm
Dimension	74.66mm x 44.653mm
Number of Pads	4
Number of Primitives	12

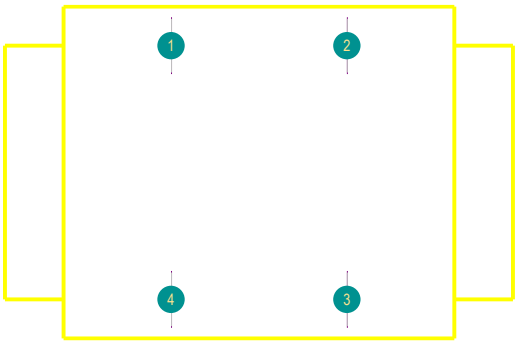


Library Reference	**CMC-.6x.7**
Description	
Height	0mm
Dimension	18.034mm x 15.494mm
Number of Pads	4
Number of Primitives	33

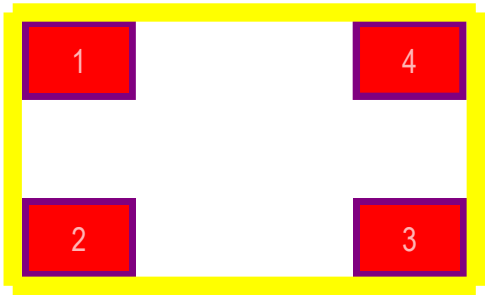


Library Reference	**CMC-.8x.9M**
Description	
Height	0mm
Dimension	23.114mm x 20.574mm
Number of Pads	16
Number of Primitives	29

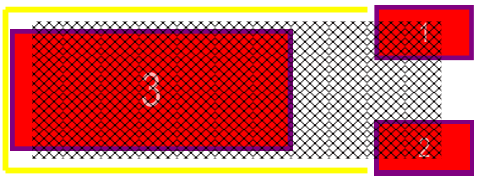
Library Reference	**CMC-.45x.6**
Description	
Height	0mm
Dimension	15.24mm x 11.176mm
Number of Pads	4
Number of Primitives	10



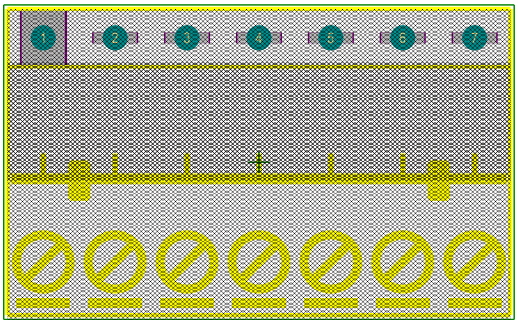
Library Reference	**CMC-.85x1.3**
Description	
Height	0mm
Dimension	33.274mm x 21.844mm
Number of Pads	4
Number of Primitives	14



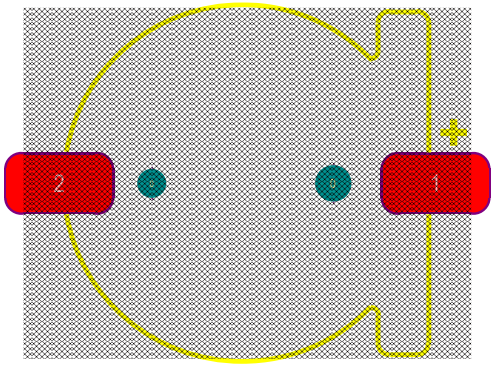
Library Reference	**CMF1812**
Description	
Height	3mm
Dimension	6.654mm x 4.054mm
Number of Pads	4
Number of Primitives	8



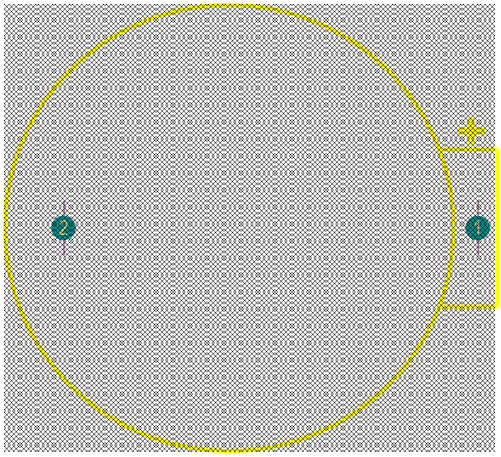
Library Reference	**CMR200T/CMR250T**
Description	
Height	2mm
Dimension	10.365mm x 3.743mm
Number of Pads	3
Number of Primitives	7



Library Reference	**CN_7E**
Description	Connector; Power Terminal Series; 7 Position; 5.08mm Spaced ,Right Angle
Height	13.9mm
Dimension	36.168mm x 22.259mm
Number of Pads	7
Number of Primitives	61



Library Reference	**CR1220**
Description	Battery Holder, Lead Spacing 19mm
Height	4.25mm
Dimension	20.403mm x 15.2mm
Number of Pads	4
Number of Primitives	22



Library Reference	**CR2032**
Description	Battery Holder, Lead Spacing 20.5mm
Height	7.6mm
Dimension	24.852mm x 22.4mm
Number of Pads	2
Number of Primitives	10

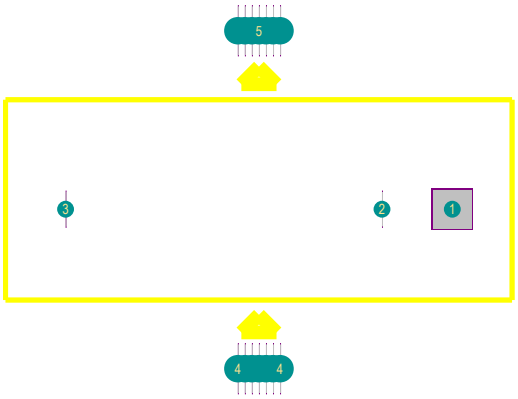
Library Reference	**CR.2**
Description	
Height	0mm
Dimension	8.382mm x 3.302mm
Number of Pads	2
Number of Primitives	6

Library Reference	**CR.3**
Description	
Height	0mm
Dimension	10.668mm x 3.81mm
Number of Pads	2
Number of Primitives	6

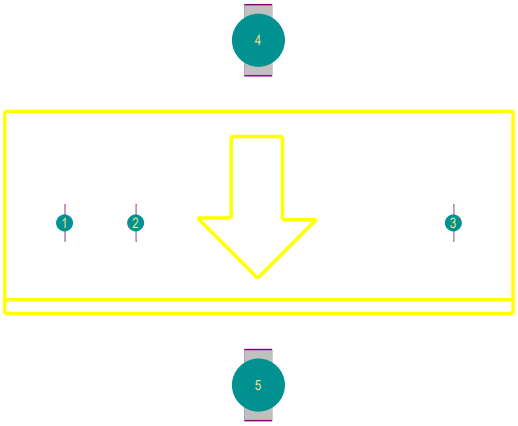
Library Reference	**CR.4**
Description	
Height	0mm
Dimension	13.83mm x 4.699mm
Number of Pads	2
Number of Primitives	6

Library Reference	**CR.4M**
Description	
Height	0mm
Dimension	13.83mm x 4.699mm
Number of Pads	3
Number of Primitives	7

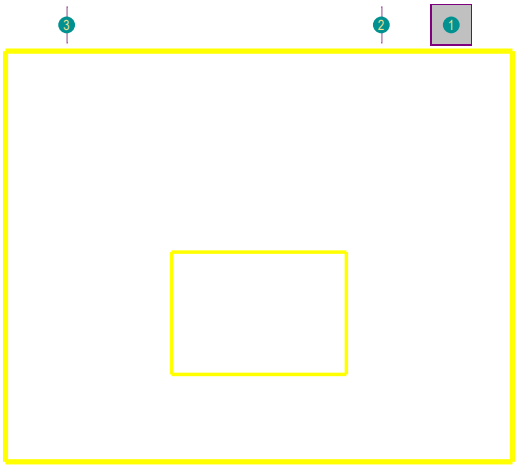
Library Reference	**CSE-M32**
Description	
Height	0mm
Dimension	53.436mm x 32.254mm
Number of Pads	36
Number of Primitives	90



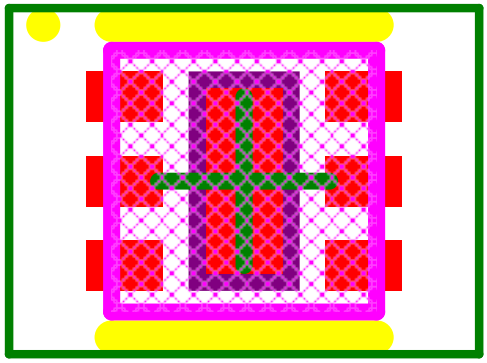
Library Reference	**CSNP661**
Description	
Height	0mm
Dimension	36.981mm x 28.087mm
Number of Pads	17
Number of Primitives	27



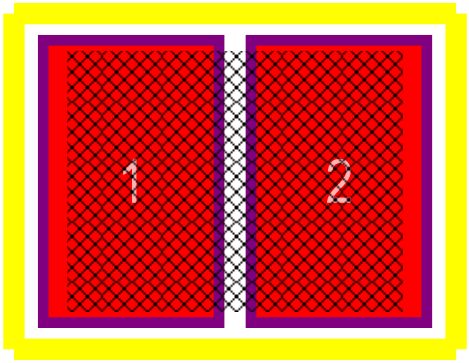
Library Reference	**CSNp661-002**
Description	
Height	0mm
Dimension	36.754mm x 29.943mm
Number of Pads	5
Number of Primitives	17



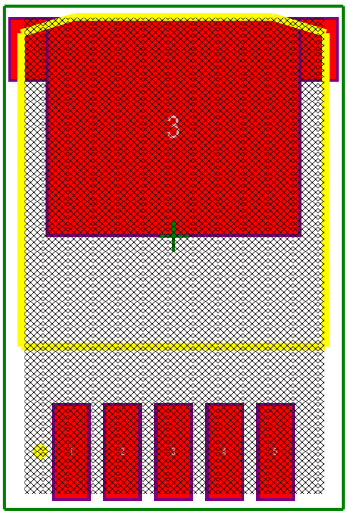
Library Reference	**CSNR_A**
Description	
Height	0mm
Dimension	37.211mm x 33.439mm
Number of Pads	3
Number of Primitives	11



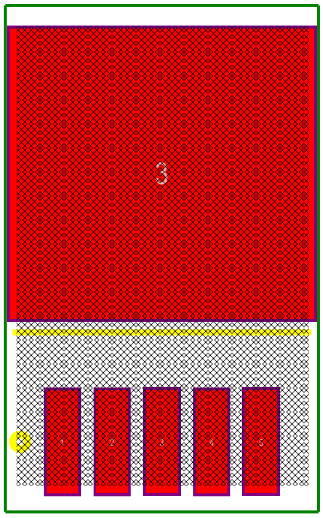
Library Reference	**CUDFN6**
Description	CUDFN6, 1.6x1.6mm, 0.5P
Height	0.65mm
Dimension	2.82mm x 2.15mm
Number of Pads	7
Number of Primitives	21



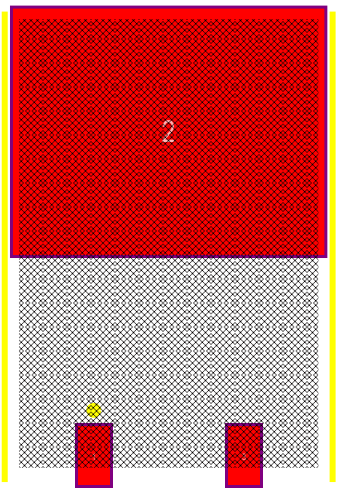
Library Reference	**CX3225GA (3.2x2.5mm)**
Description	
Height	0.85mm
Dimension	4.4mm x 3.4mm
Number of Pads	2
Number of Primitives	7



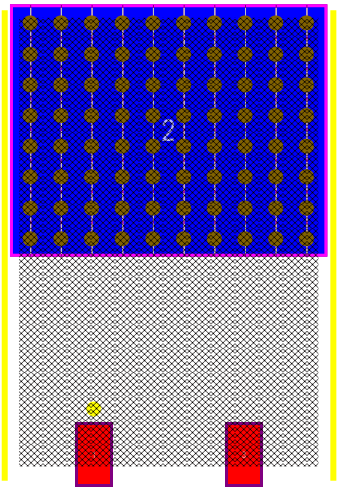
Library Reference	**D2PAK_TO-263-5**
Description	D2-PAK, 6-Pads, Body 7.5x10.2mm (max), IPC Medium Density
Height	4.57mm
Dimension	11.403mm x 16.661mm
Number of Pads	7
Number of Primitives	21



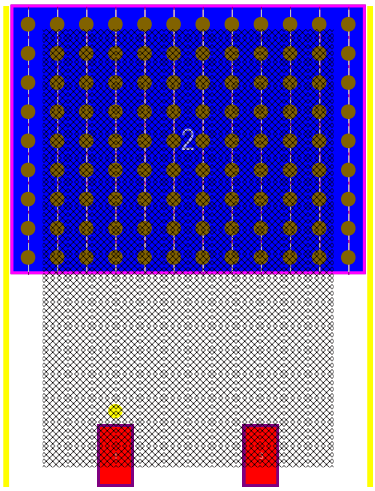
Library Reference	**D2PAK_TO-263-5L**
Description	D2-PAK, 6-Pads, Body 7.5x10.2mm (max), IPC Medium Density
Height	4.5mm
Dimension	10.8mm x 17.35mm
Number of Pads	6
Number of Primitives	13



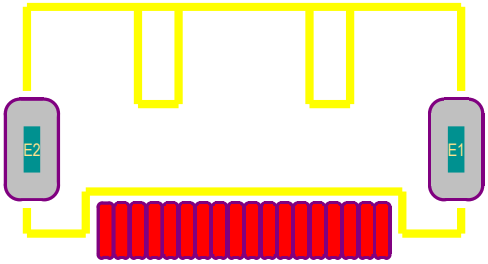
Library Reference	**D2PAK_TO-263-AB_1**
Description	D2-PAK/TO-263-AB; 3 Leads (1 Cropped); Body 15.5 (inc. leads) x 10.5 mm (LxW max)
Height	4.69mm
Dimension	11.35mm x 16.403mm
Number of Pads	3
Number of Primitives	7



Library Reference	**D2PAK_TO-263-AB_2**
Description	D2-PAK/TO-263-AB; 3 Leads (1 Cropped); Body 15.5 (inc. leads) x 10.5 mm (LxW max)
Height	4.69mm
Dimension	11.35mm x 16.403mm
Number of Pads	4
Number of Primitives	88

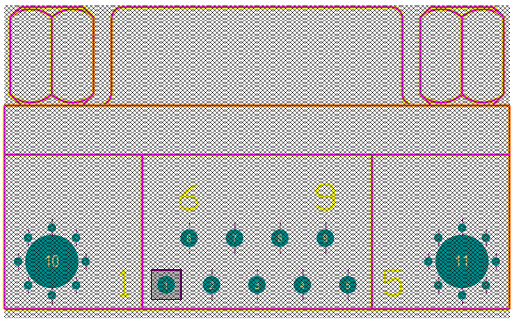


Library Reference	**D2PAK_TO-263-AB_3**
Description	D2-PAK/TO-263-AB; 3 Leads (1 Cropped); Body 15.5 (inc. leads) x 10.5 mm (LxW max)
Height	4.69mm
Dimension	12.9mm x 16.964mm
Number of Pads	4
Number of Primitives	116

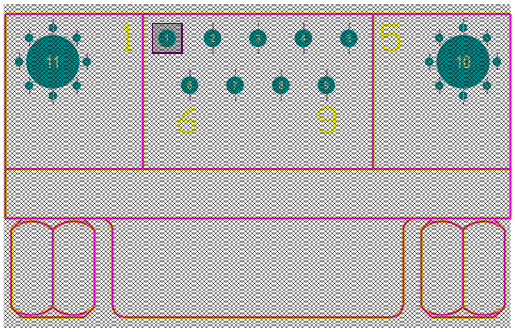


Library Reference	**D13-0550-18001**
Description	SMT, 18 PIN, Female, Pitch 0.5mm
Height	3mm
Dimension	14.703mm x 7.929mm
Number of Pads	20
Number of Primitives	36

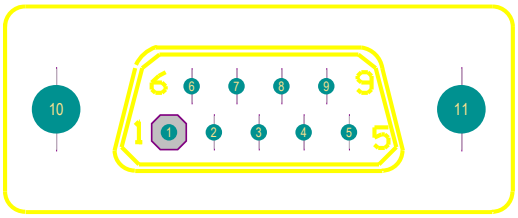
Library Reference	**DB3**
Description	
Height	0mm
Dimension	6.663mm x 2.1mm
Number of Pads	2
Number of Primitives	20



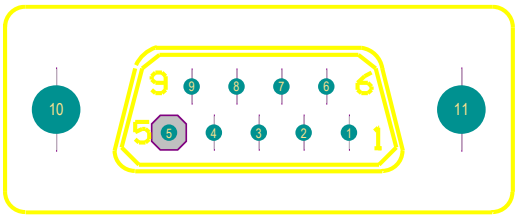
Library Reference	**DB9_RA_F**
Description	Connector; D Subminiature; 9 Position; Right Angle; Female
Height	12.75mm
Dimension	31mm x 19.075mm
Number of Pads	27
Number of Primitives	112



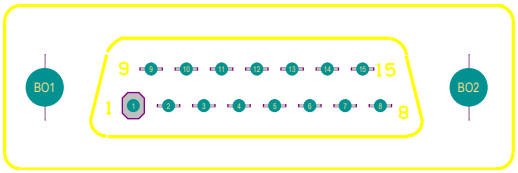
Library Reference	**DB9_RA_M**
Description	Connector; D Subminiature; 9 Position; Right Angle; Male
Height	12.75mm
Dimension	31mm x 19.685mm
Number of Pads	27
Number of Primitives	112



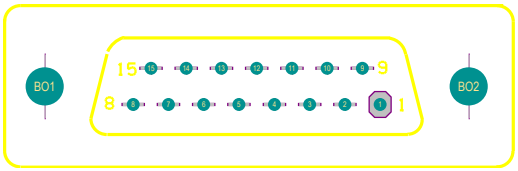
Library Reference	**DB9_S_F**
Description	Connector; D Subminiature; 9 Position; Straight; Female
Height	0mm
Dimension	31.581mm x 12.954mm
Number of Pads	11
Number of Primitives	39



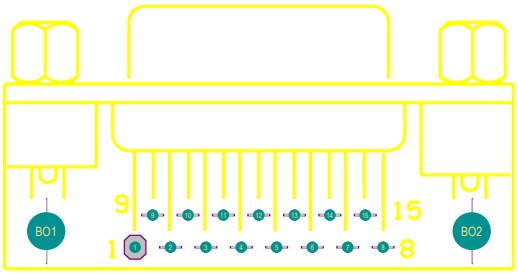
Library Reference	**DB9_S_M**
Description	Connector; D Subminiature; 9 Position; Straight; Male
Height	0mm
Dimension	31.581mm x 12.954mm
Number of Pads	11
Number of Primitives	39



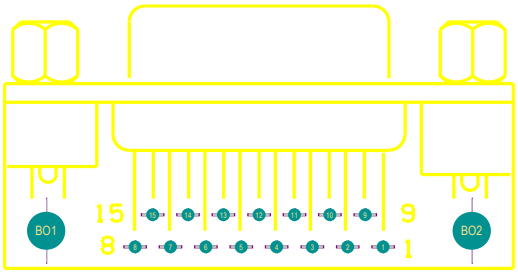
Library Reference	**DB15-FEMALE**
Description	
Height	0mm
Dimension	40.217mm x 12.954mm
Number of Pads	17
Number of Primitives	37



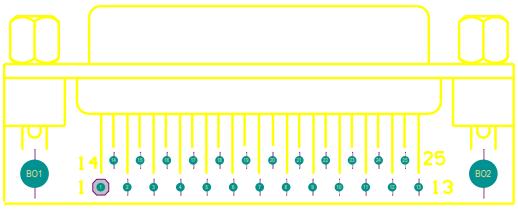
Library Reference	**DB15-MALE**
Description	
Height	0mm
Dimension	40.217mm x 12.954mm
Number of Pads	17
Number of Primitives	37



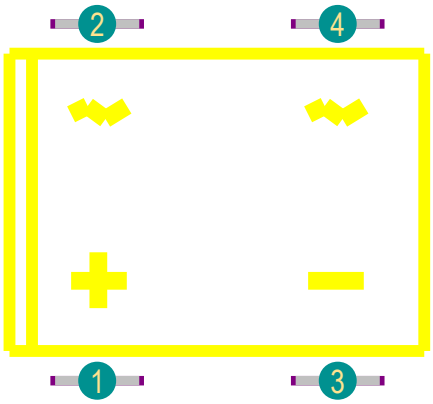
Library Reference	**DB15-RA-FEMALE**
Description	
Height	0mm
Dimension	40.047mm x 20.997mm
Number of Pads	17
Number of Primitives	89



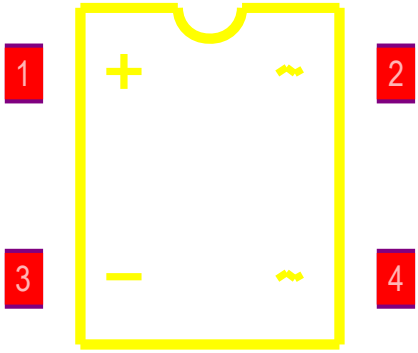
Library Reference	**DB15-RA-Male**
Description	
Height	0mm
Dimension	40.047mm x 20.997mm
Number of Pads	17
Number of Primitives	89



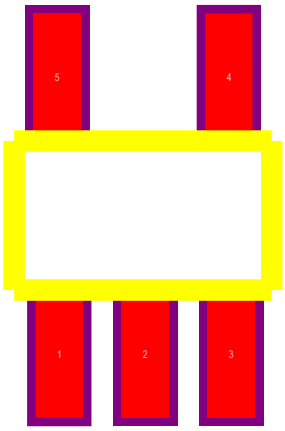
Library Reference	**DB25-RA-FEMALE**
Description	
Height	0mm
Dimension	53.594mm x 21.209mm
Number of Pads	27
Number of Primitives	110



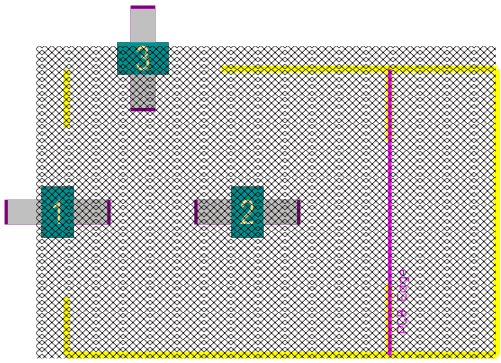
Library Reference	**DB107_DIP**
Description	
Height	0mm
Dimension	9.144mm x 9.823mm
Number of Pads	4
Number of Primitives	13



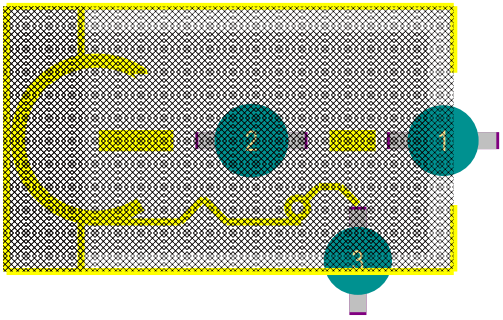
Library Reference	**DB107_SMD**
Description	Bridge Rectifier
Height	2.55mm
Dimension	11.523mm x 8.574mm
Number of Pads	4
Number of Primitives	14



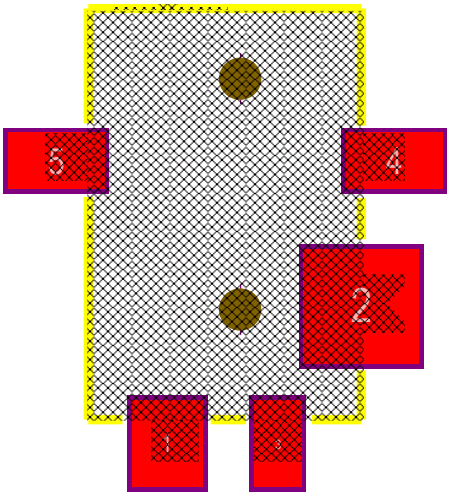
Library Reference	**DBV5**
Description	
Height	0mm
Dimension	3.302mm x 5.029mm
Number of Pads	5
Number of Primitives	9



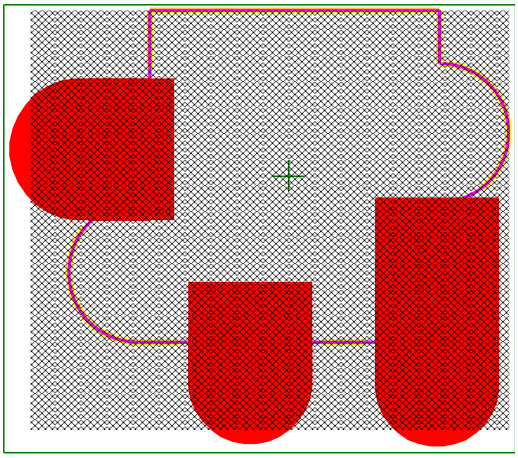
Library Reference	**DC-JACK-6.2mm**
Description	DC-JACK-6.2mm
Height	0mm
Dimension	15.189mm x 10.85mm
Number of Pads	3
Number of Primitives	13



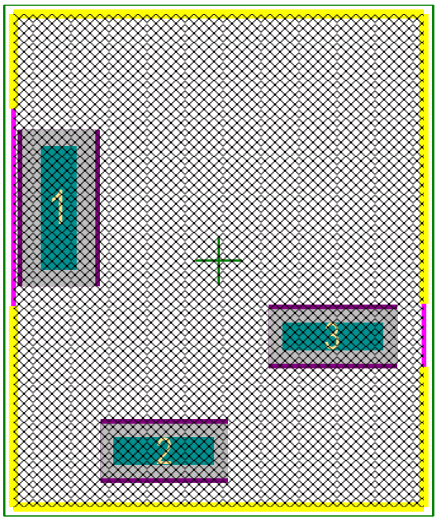
Library Reference	**DC-JACK-6.2mm-ROUND**
Description	由志
Height	10mm
Dimension	17.755mm x 11.214mm
Number of Pads	3
Number of Primitives	24



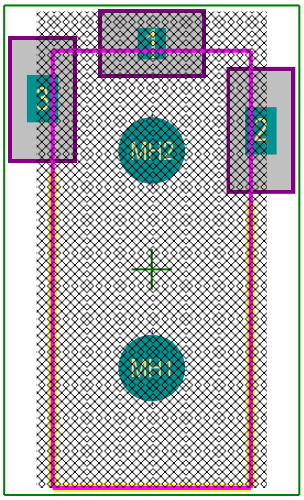
Library Reference	**DC-JACK-SMD-2.5MM**
Description	DC-JACK-SMD-2.5MM
Height	3mm
Dimension	9.58mm x 10.563mm
Number of Pads	5
Number of Primitives	29



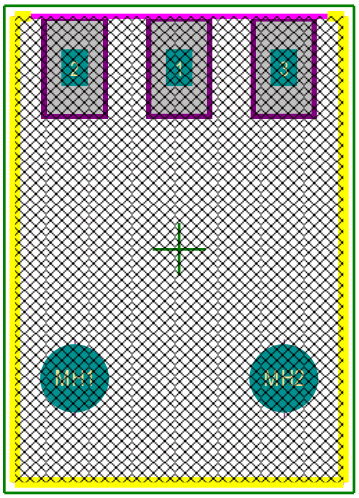
Library Reference	**DC-Jack-SMT-5.5-3pad**
Description	DC Power Jack Connector Vertical SMT 5.5 with 3 Solder Pads
Height	11mm
Dimension	16.63mm x 14.6mm
Number of Pads	3
Number of Primitives	27



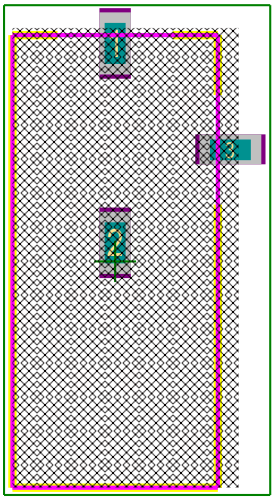
Library Reference	**DC-Jack-THT-6.4**
Description	DC Power Jack Vertical THT ?6.4
Height	14mm
Dimension	9.45mm x 11.15mm
Number of Pads	3
Number of Primitives	20



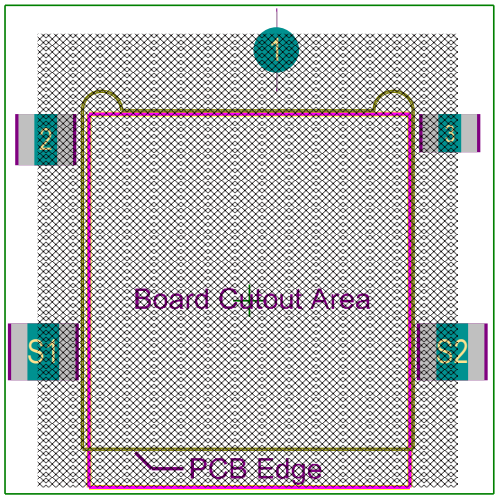
Library Reference	**DC-Jack-THT-RA-2.8**
Description	DC Power Jack THT Right Angled Low Profile(2.8)
Height	5mm
Dimension	7.45mm x 12.4mm
Number of Pads	5
Number of Primitives	19



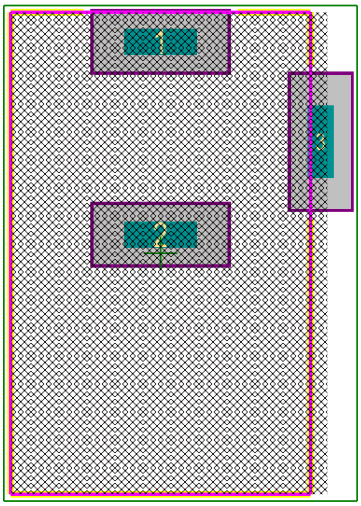
Library Reference	**DC-Jack-THT-RA-3.8**
Description	DC Power Jack THT Right Angled Low Profile(3.8)
Height	5mm
Dimension	6.75mm x 9.45mm
Number of Pads	5
Number of Primitives	22



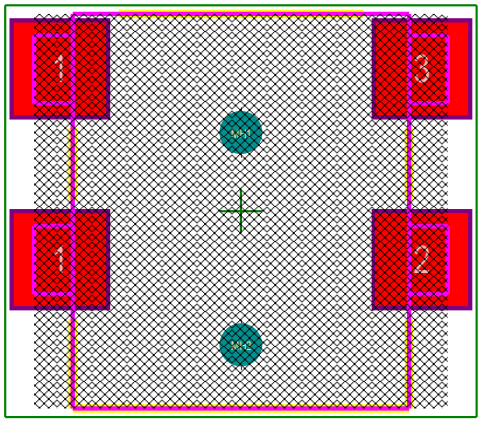
Library Reference	**DC-Jack-THT-RA-4.2**
Description	DC Power Jack Right Angled(4.2)
Height	7.4mm
Dimension	6.5mm x 12.1mm
Number of Pads	3
Number of Primitives	20



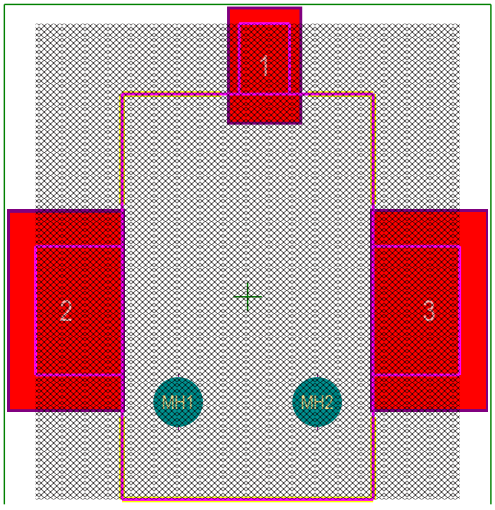
Library Reference	**DC-Jack-THT-RA-4.93**
Description	DC Power Jack Right Angled Shielded THT ?4.93
Height	9.1mm
Dimension	15.3mm x 15.35mm
Number of Pads	5
Number of Primitives	31



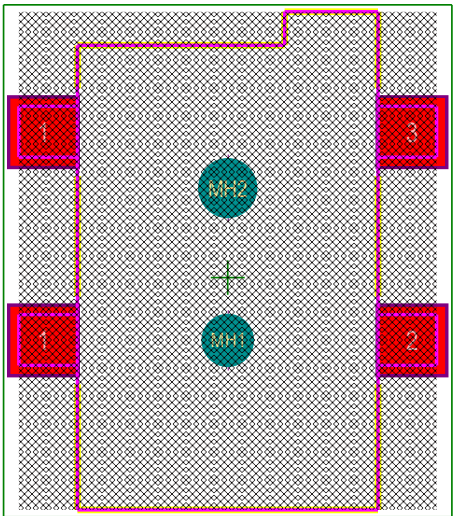
Library Reference	**DC-Jack-THT-RA-6.4**
Description	DC Power Jack Right Angled(6.4)
Height	10.7mm
Dimension	10.65mm x 14.95mm
Number of Pads	3
Number of Primitives	20



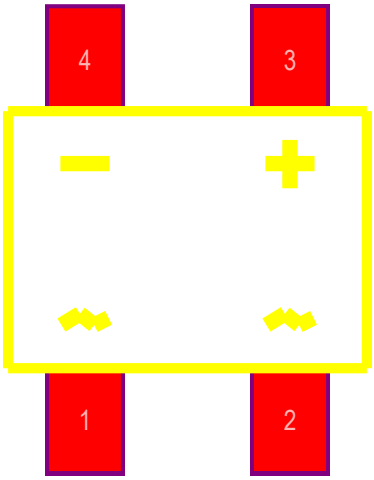
Library Reference	**DC-Jack RA-SMT-3.9-4pad**
Description	DC Power Jack Right Angled Low Profile SMT 3.9
Height	5.3mm
Dimension	11.25mm x 9.75mm
Number of Pads	6
Number of Primitives	35



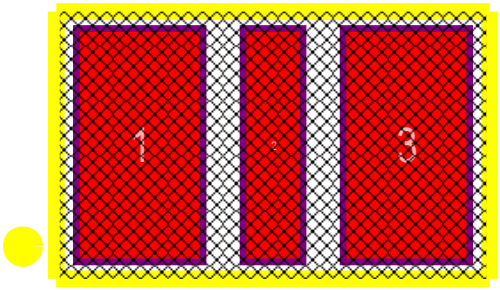
Library Reference	**DC-Jack RA-SMT-6.4-3pad**
Description	DC Power Jack Right Angled SMT 6.4 with 3 soldering pad
Height	11mm
Dimension	17.45mm x 17.95mm
Number of Pads	5
Number of Primitives	32



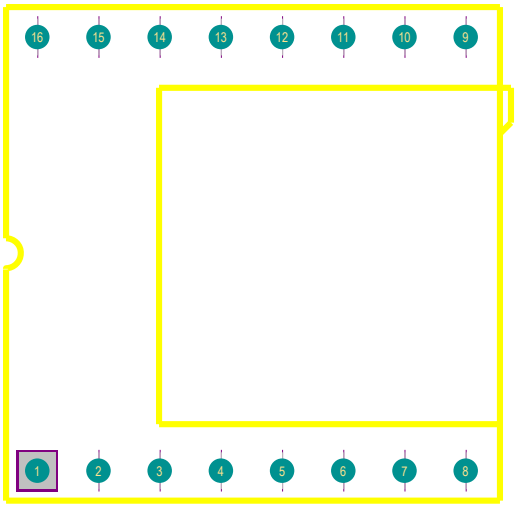
Library Reference	**DC-Jack RA-SMT-6.4-4pad**
Description	DC Power Jack Right Angled SMT ?6.4 with 4 soldering pads & pegs
Height	11mm
Dimension	13.45mm x 15.15mm
Number of Pads	6
Number of Primitives	41



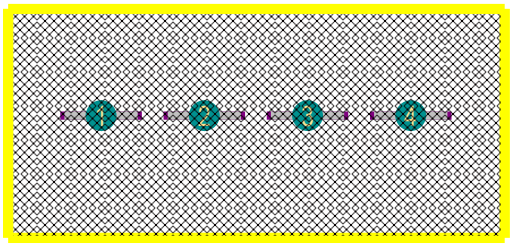
Library Reference	**DF10S**
Description	
Height	0mm
Dimension	9.144mm x 11.633mm
Number of Pads	4
Number of Primitives	12



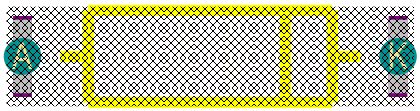
Library Reference	**DFN(TBU-CA)**
Description	TBU-CA Series - TBU High-Speed Protectors
Height	1mm
Dimension	7.537mm x 4.254mm
Number of Pads	3
Number of Primitives	10



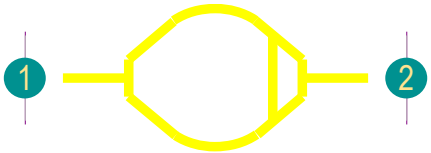
Library Reference	**DFplayerMini**
Description	Mini MP3 And WMV Player
Height	10mm
Dimension	21.209mm x 20.754mm
Number of Pads	16
Number of Primitives	28



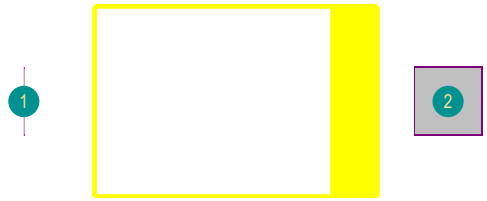
Library Reference	**DHT11**
Description	
Height	0mm
Dimension	12.464mm x 5.924mm
Number of Pads	4
Number of Primitives	9



Library Reference	**DIODE0.4**
Description	
Height	0mm
Dimension	12.863mm x 2.845mm
Number of Pads	2
Number of Primitives	10

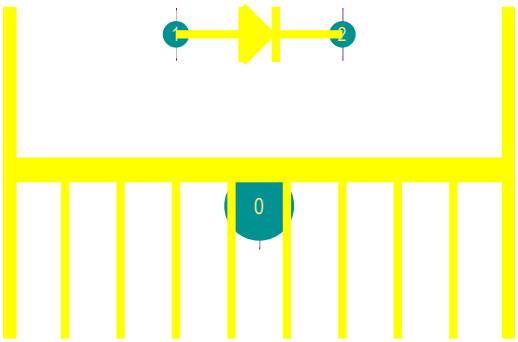


Library Reference	**DIODE0.4B**
Description	
Height	0mm
Dimension	12.649mm x 4.064mm
Number of Pads	2
Number of Primitives	13

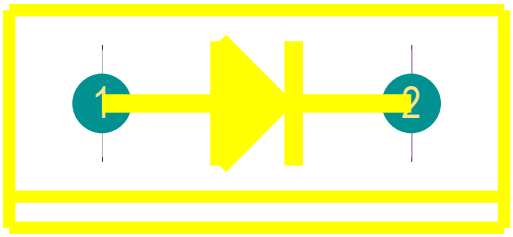


Library Reference	**DIODE0.9**
Description	
Height	0mm
Dimension	26.563mm x 10.414mm
Number of Pads	2
Number of Primitives	7

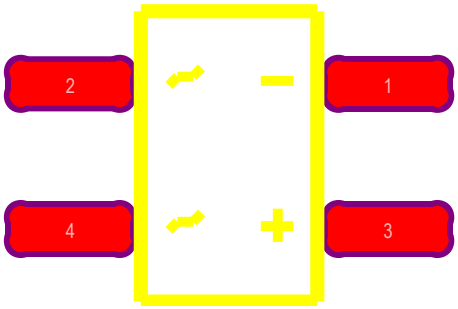
Library Reference	**DIODE-05(DO-15)**
Description	
Height	7.5mm
Dimension	19.05mm x 6.225mm
Number of Pads	2
Number of Primitives	11



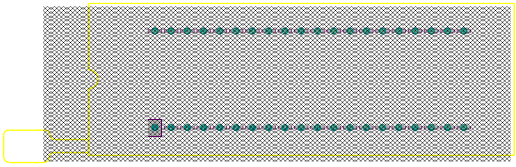
Library Reference	**Diode_HS**
Description	
Height	0mm
Dimension	23.495mm x 15.875mm
Number of Pads	3
Number of Primitives	27



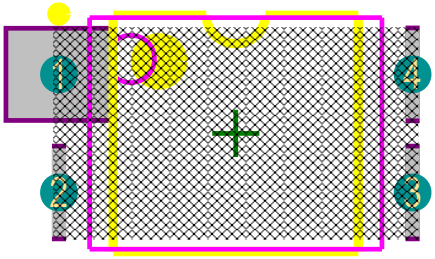
Library Reference	**Diode_WHS**
Description	
Height	0mm
Dimension	10.414mm x 4.699mm
Number of Pads	2
Number of Primitives	15



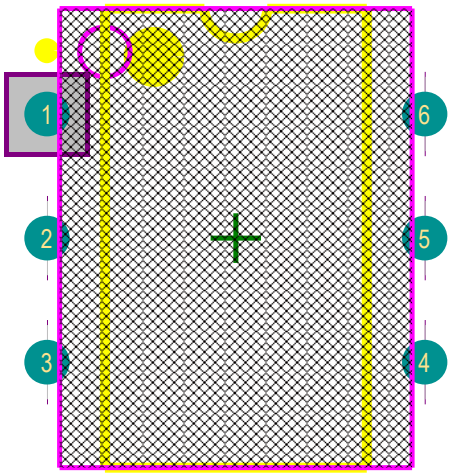
Library Reference	**Diode Bridge_SMD**
Description	
Height	0mm
Dimension	8.077mm x 5.334mm
Number of Pads	4
Number of Primitives	12



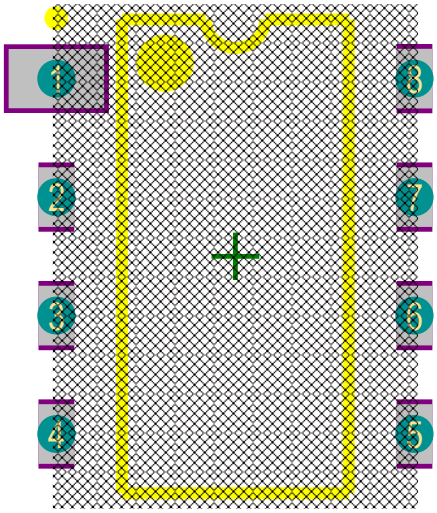
Library Reference	**DIP40 - Zip Socket**
Description	40 Pin Zip Socket
Height	12mm
Dimension	79.946mm x 25.332mm
Number of Pads	40
Number of Primitives	58



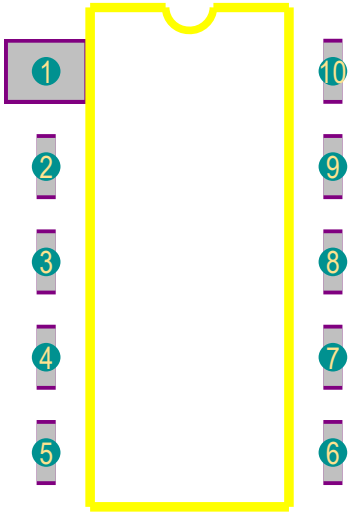
Library Reference	**DIP-4**
Description	DIP; 4 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.6mm
Dimension	10.023mm x 5.47mm
Number of Pads	4
Number of Primitives	20



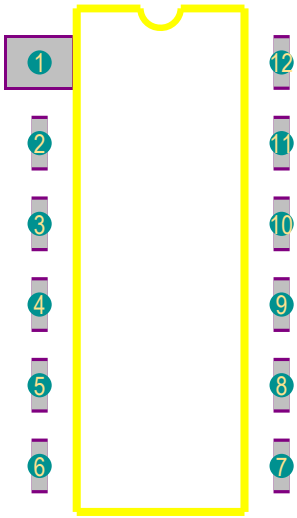
Library Reference	**DIP-6**
Description	DIP; 6 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.46mm
Dimension	9.323mm x 9.6mm
Number of Pads	6
Number of Primitives	22



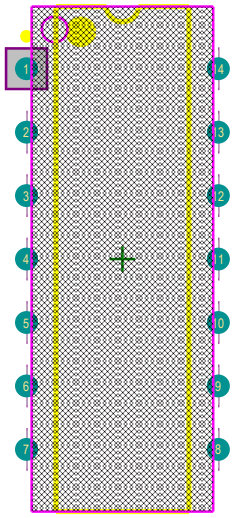
Library Reference	**DIP-8**
Description	DIP8巴100mil侠300mil•ef□
Height	2.54mm
Dimension	9.855mm x 10.8mm
Number of Pads	8
Number of Primitives	19



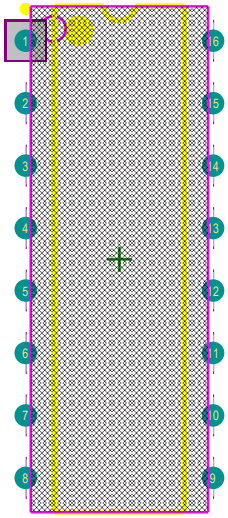
Library Reference	**DIP-10**
Description	
Height	0mm
Dimension	9.855mm x 13.54mm
Number of Pads	10
Number of Primitives	16



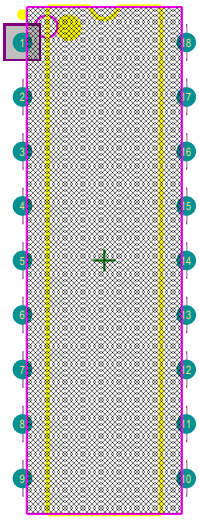
Library Reference	**DIP-12**
Description	
Height	0mm
Dimension	9.855mm x 16.08mm
Number of Pads	12
Number of Primitives	18



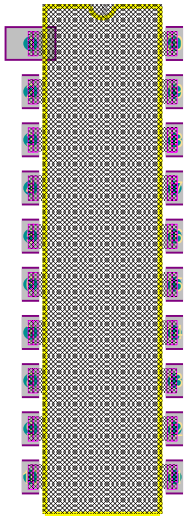
Library Reference	**DIP-14**
Description	DIP; 14 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.08mm
Dimension	9.323mm x 20.4mm
Number of Pads	14
Number of Primitives	30



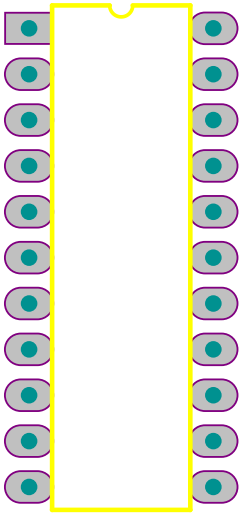
Library Reference	**DIP-16**
Description	DIP; 16 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.08mm
Dimension	9.323mm x 20.84mm
Number of Pads	16
Number of Primitives	32



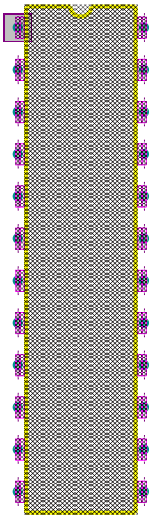
Library Reference	**DIP-18**
Description	DIP; 18 Leads; Row Spacing 7.62 mm; Pitch 2.54 mm
Height	5.08mm
Dimension	9.323mm x 23.9mm
Number of Pads	18
Number of Primitives	34



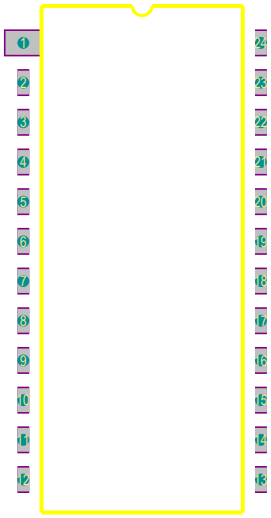
Library Reference	**DIP-20**
Description	
Height	0mm
Dimension	10.363mm x 27.028mm
Number of Pads	20
Number of Primitives	353



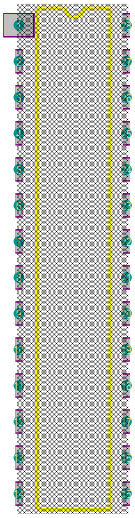
Library Reference	**DIP-22**
Description	
Height	0mm
Dimension	12.903mm x 28.19mm
Number of Pads	22
Number of Primitives	28



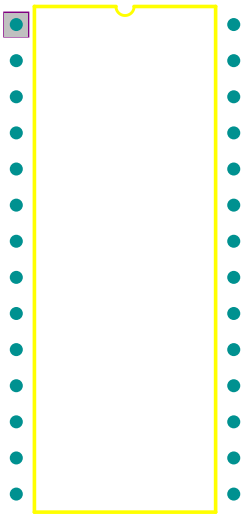
Library Reference	**DIP-24A**
Description	
Height	0mm
Dimension	9.347mm x 30.734mm
Number of Pads	24
Number of Primitives	393



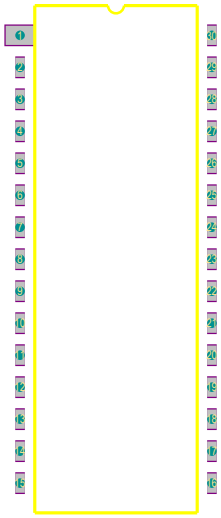
Library Reference	**DIP-24L**
Description	
Height	0mm
Dimension	17.729mm x 32.68mm
Number of Pads	24
Number of Primitives	30



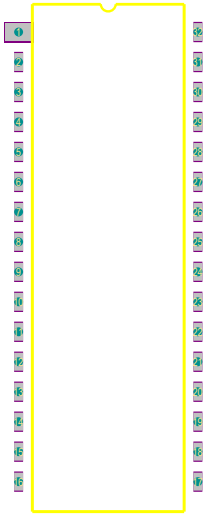
Library Reference	**DIP-28**
Description	
Height	0mm
Dimension	9.855mm x 36mm
Number of Pads	28
Number of Primitives	35



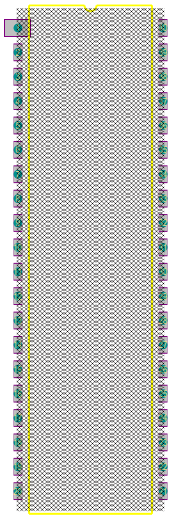
Library Reference	**DIP-28W**
Description	
Height	0mm
Dimension	17.093mm x 35.81mm
Number of Pads	28
Number of Primitives	34



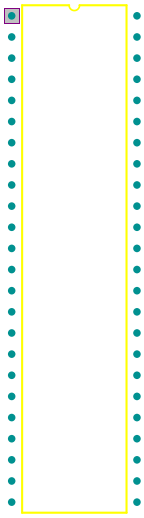
Library Reference	**DIP-30**
Description	
Height	0mm
Dimension	17.729mm x 40.554mm
Number of Pads	30
Number of Primitives	36



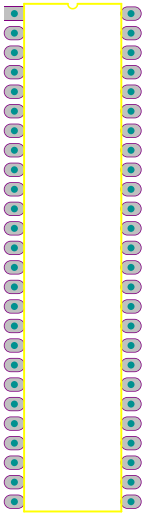
Library Reference	**DIP-32**
Description	
Height	0mm
Dimension	17.729mm x 43.264mm
Number of Pads	32
Number of Primitives	38



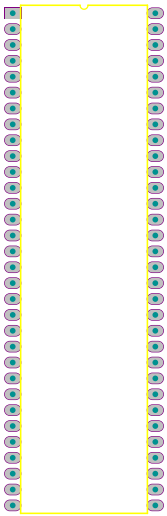
Library Reference	**DIP-40**
Description	
Height	0mm
Dimension	17.983mm x 53.2mm
Number of Pads	40
Number of Primitives	47



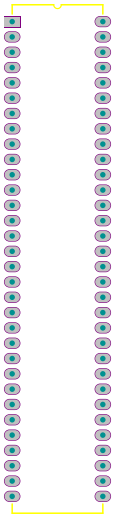
Library Reference	**DIP-48**
Description	
Height	0mm
Dimension	17.093mm x 61.21mm
Number of Pads	48
Number of Primitives	54



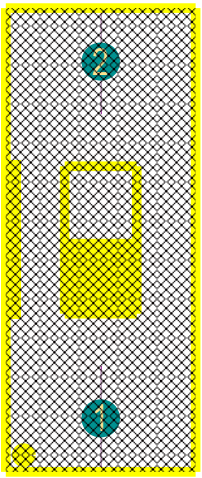
Library Reference	**DIP-52**
Description	
Height	0mm
Dimension	17.983mm x 66.29mm
Number of Pads	52
Number of Primitives	58



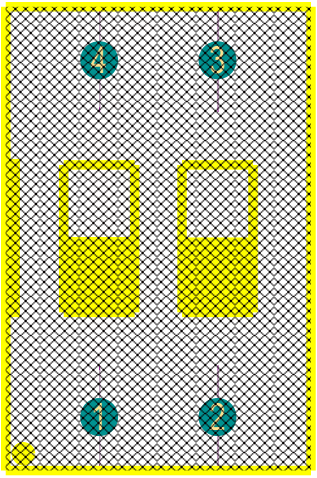
Library Reference	**DIP-64**
Description	
Height	0mm
Dimension	25.603mm x 81.53mm
Number of Pads	64
Number of Primitives	70



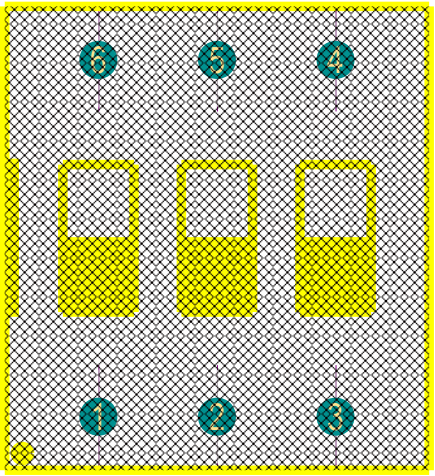
Library Reference	**DIP-64X**
Description	
Height	0mm
Dimension	17.983mm x 84.59mm
Number of Pads	64
Number of Primitives	72



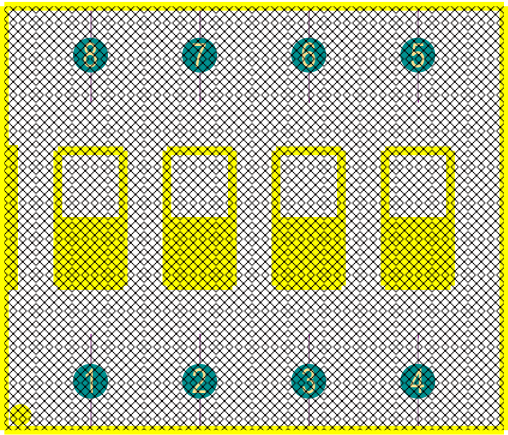
Library Reference	**DIP Switch x1**
Description	Switch DIP 1 way flat slide Thru-Hole
Height	7mm
Dimension	4.2mm x 10.1mm
Number of Pads	2
Number of Primitives	14



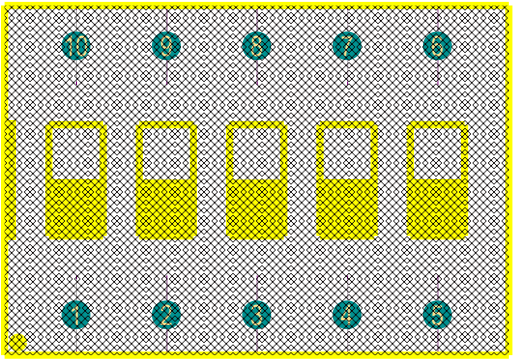
Library Reference	**DIP Switch x2**
Description	Switch DIP 2 way flat slide Thru-Hole
Height	7mm
Dimension	6.74mm x 10.1mm
Number of Pads	4
Number of Primitives	21



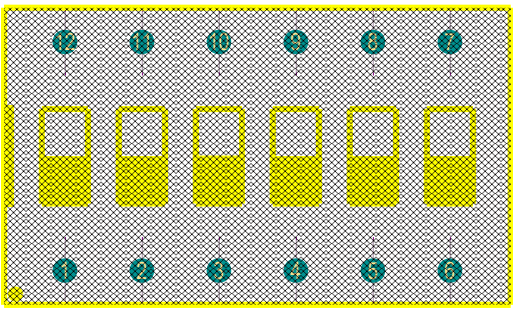
Library Reference	**DIP Switch x3**
Description	Switch DIP 3 way flat slide Thru-Hole
Height	7mm
Dimension	9.28mm x 10.1mm
Number of Pads	6
Number of Primitives	28



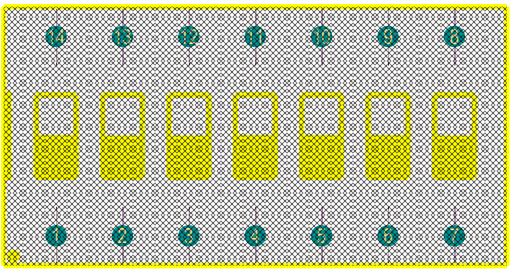
Library Reference	**DIP Switch x4**
Description	Switch DIP 4 way flat slide Thru-Hole
Height	7mm
Dimension	11.82mm x 10.1mm
Number of Pads	8
Number of Primitives	35



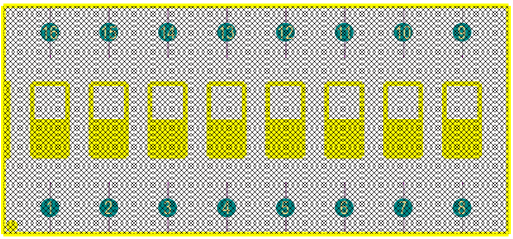
Library Reference	**DIP Switch x5**
Description	Switch DIP 5 way flat slide Thru-Hole
Height	7mm
Dimension	14.36mm x 10.1mm
Number of Pads	10
Number of Primitives	42



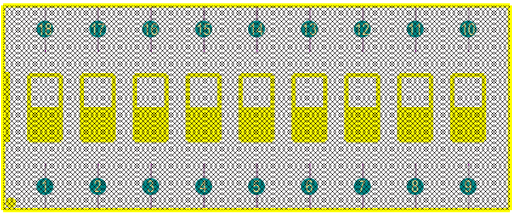
Library Reference	**DIP Switch x6**
Description	Switch DIP 6 way flat slide Thru-Hole
Height	7mm
Dimension	16.9mm x 10.1mm
Number of Pads	12
Number of Primitives	49



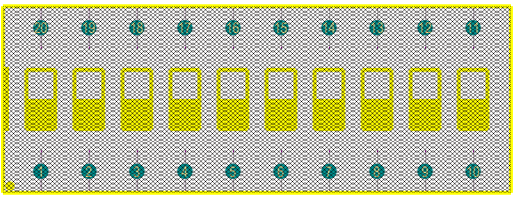
Library Reference	**DIP Switch x7**
Description	Switch DIP 7 way flat slide Thru-Hole
Height	7mm
Dimension	19.44mm x 10.1mm
Number of Pads	14
Number of Primitives	56



Library Reference	**DIP Switch x8**
Description	Switch DIP 8 way flat slide Thru-Hole
Height	7mm
Dimension	21.98mm x 10.1mm
Number of Pads	16
Number of Primitives	63

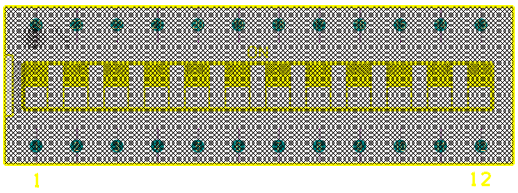


Library Reference	**DIP Switch X9**
Description	Switch DIP 9 way flat slide Thru-Hole
Height	7mm
Dimension	24.52mm x 10.1mm
Number of Pads	18
Number of Primitives	70



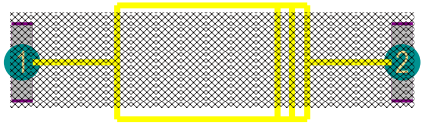
Library Reference	**DIP Switch X10**
Description	Switch DIP 10 way flat slide Thru-Hole
Height	7mm
Dimension	27.06mm x 10.1mm

Number of Pads	20
Number of Primitives	77



Library Reference	**DIP Switch x12**
Description	Switch DIP 12 way flat slide Thru-Hole
Height	0mm
Dimension	32.153mm x 11.523mm
Number of Pads	24
Number of Primitives	153

Library Reference	**DO-7**
Description	Diode, Axial; Body 7 x 2.7 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	2.7mm
Dimension	11.903mm x 2.9mm
Number of Pads	2
Number of Primitives	6



Library Reference	**DO-15**
Description	
Height	4mm
Dimension	16.103mm x 4.01mm
Number of Pads	2
Number of Primitives	11

Library Reference	**DO-25S**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	8.153mm x 2.1mm
Number of Pads	4
Number of Primitives	9

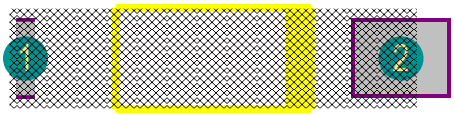
Library Reference	**DO-30**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	9.423mm x 2.232mm
Number of Pads	2
Number of Primitives	7

Library Reference	**DO-35**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	8.803mm x 2.1mm
Number of Pads	2
Number of Primitives	6

Library Reference	**DO-35A**
Description	Diode, Axial; Body 4.6 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	2mm
Dimension	9.503mm x 2.2mm
Number of Pads	2
Number of Primitives	6

Library Reference	**DO-35N**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	10.693mm x 2.74mm
Number of Pads	2
Number of Primitives	7

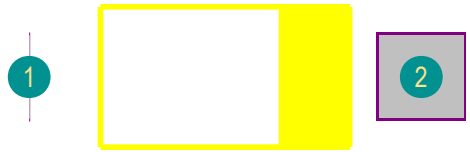
Library Reference	**DO-40**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	12.563mm x 3.248mm
Number of Pads	2
Number of Primitives	7



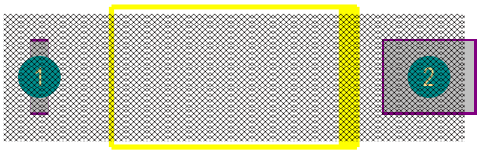
Library Reference	**DO-41**
Description	Diode, Axial; Body 5.2 x 2.7 mm (LxDia. max), Lead Dia. 0.86 mm (max)
Height	2.8mm
Dimension	12.863mm x 3mm
Number of Pads	2
Number of Primitives	7

Library Reference	**DO-45**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	13.833mm x 3.248mm
Number of Pads	2
Number of Primitives	7

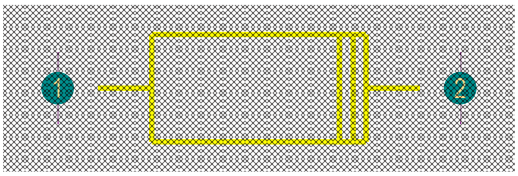
Library Reference	**DO-50**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	15.403mm x 4.01mm
Number of Pads	2
Number of Primitives	7



Library Reference	**DO-55**
Description	Diode, Axial; Body 3.8 x 1.9 mm (LxDia. max), Lead Dia. 0.53 mm (max)
Height	1.9mm
Dimension	17.173mm x 5.28mm
Number of Pads	2
Number of Primitives	7

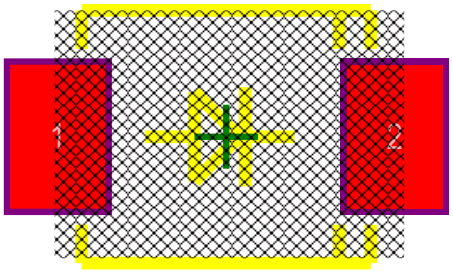


Library Reference	**DO-201AD**
Description	Diode, Axial; Body 9.5 x 5.6 mm (LxDia. max), Lead Dia. 1.32 mm (max)
Height	5.6mm
Dimension	18.943mm x 5.8mm
Number of Pads	2
Number of Primitives	7

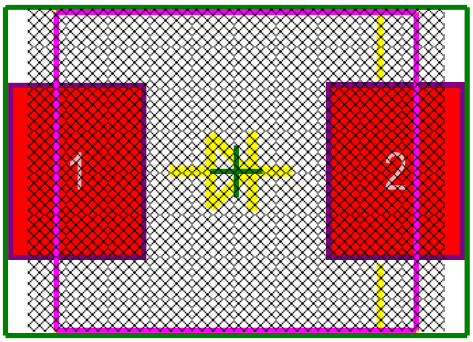


Library Reference	**DO-204AC**
Description	
Height	7.5mm
Dimension	19.05mm x 6.225mm
Number of Pads	2
Number of Primitives	11

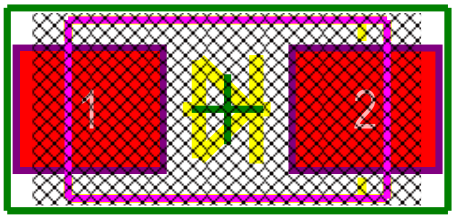
Library Reference	**DO-204AL**
Description	Diode, Axial; Body 5.2 x 2.7 mm (LxDia. max), Lead Dia. 0.86 mm (max)
Height	2.7mm
Dimension	12.663mm x 3mm
Number of Pads	2
Number of Primitives	6



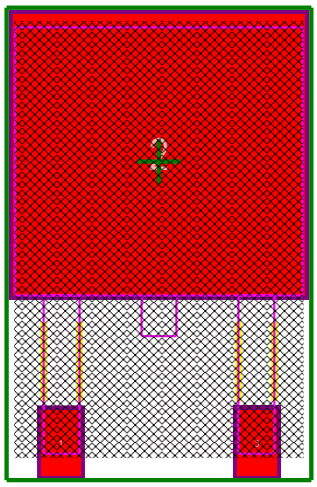
Library Reference	**DO-214AA**
Description	DO-214AA(SMB) Package
Height	0mm
Dimension	7.127mm x 4.203mm
Number of Pads	2
Number of Primitives	20



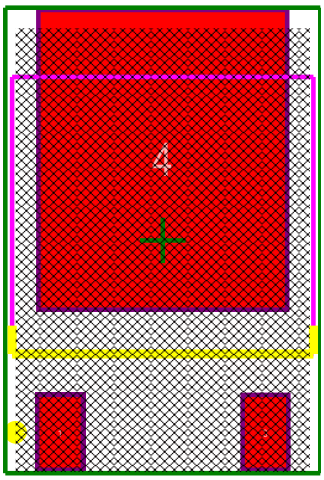
Library Reference	**DO-214AB**
Description	DO-214AB(SMC) Package
Height	2.616mm
Dimension	9.1mm x 6.5mm
Number of Pads	2
Number of Primitives	28



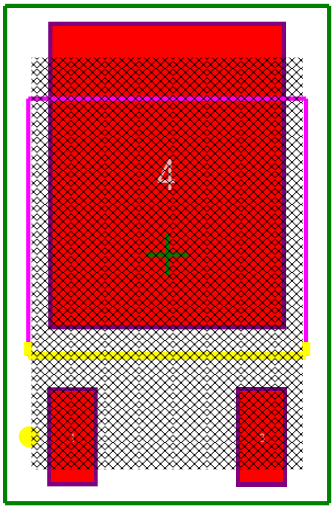
Library Reference	**DO-214AC**
Description	DO-214AC(SMA) Package
Height	2.438mm
Dimension	6.348mm x 3.046mm
Number of Pads	2
Number of Primitives	27



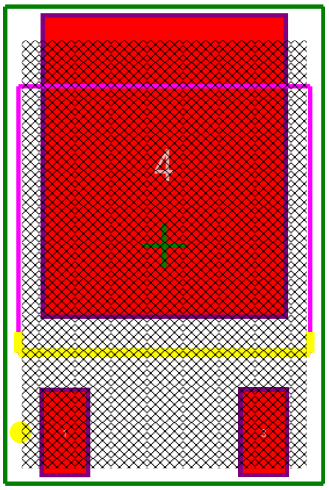
Library Reference	**DPAK_TO-252-2**
Description	D-PAK, 3-Pads, TO-252-2
Height	0mm
Dimension	7.214mm x 11.024mm
Number of Pads	3
Number of Primitives	29



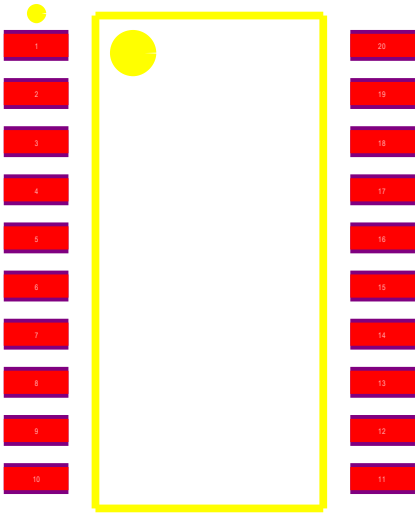
Library Reference	**DPAK_TO-252_L**
Description	D-PAK, 4-Leads, Body 6.1x6.6mm, Pitch 2.29mm, Lead Span 9.7mm, IPC High Density
Height	2.38mm
Dimension	7.1mm x 10.5mm
Number of Pads	3
Number of Primitives	18



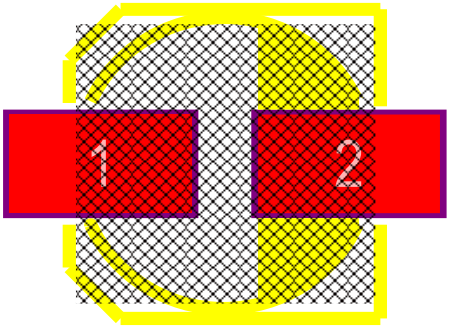
Library Reference	**DPAK_TO-252_M**
Description	D-PAK, 4-Leads, Body 6.1x6.6mm, Pitch 2.29mm, Lead Span 9.7mm, IPC Low Density
Height	2.38mm
Dimension	7.9mm x 12.1mm
Number of Pads	3
Number of Primitives	18



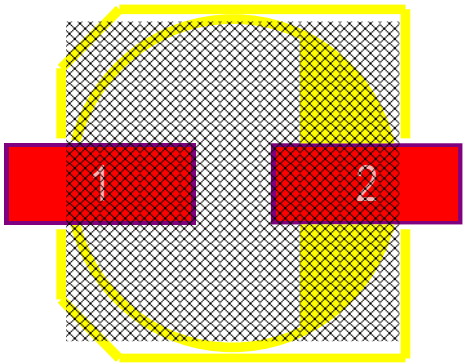
Library Reference	**DPAK_TO-252_N**
Description	D-PAK, 4-Leads, Body 6.1x6.6mm, Pitch 2.29mm, Lead Span 9.7mm, IPC Medium Density
Height	2.38mm
Dimension	7.4mm x 11.2mm
Number of Pads	3
Number of Primitives	18



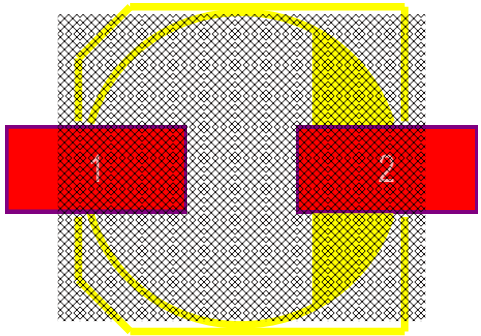
Library Reference	**DW020_N**
Description	SOIC, 20-Leads, Body 12.8x7.5mm, Pitch 1.27mm, IPC Medium Density
Height	2.65mm
Dimension	11.603mm x 13.415mm
Number of Pads	20
Number of Primitives	26



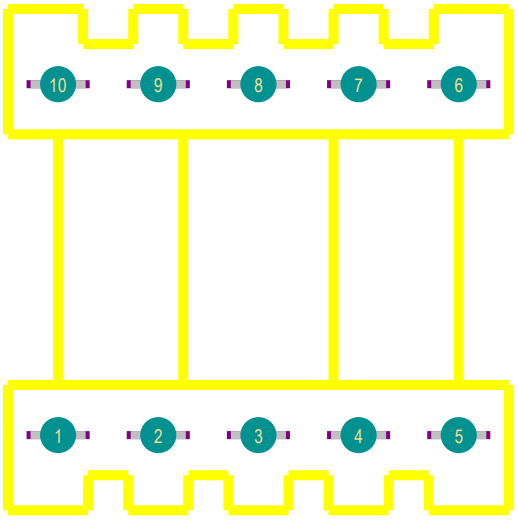
Library Reference	**ECAP-B SIZE**
Description	Footprint For Panasonic Co.
Height	0mm
Dimension	6.8mm x 5mm
Number of Pads	2
Number of Primitives	15



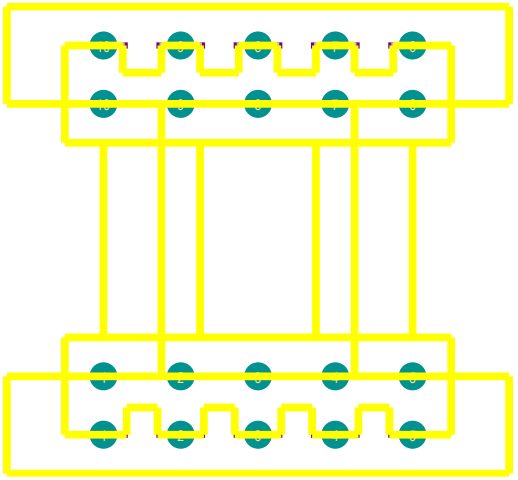
Library Reference	**ECAP-D SIZE**
Description	Footprint For Panasonic Co.
Height	0mm
Dimension	9.6mm x 7.4mm
Number of Pads	2
Number of Primitives	15



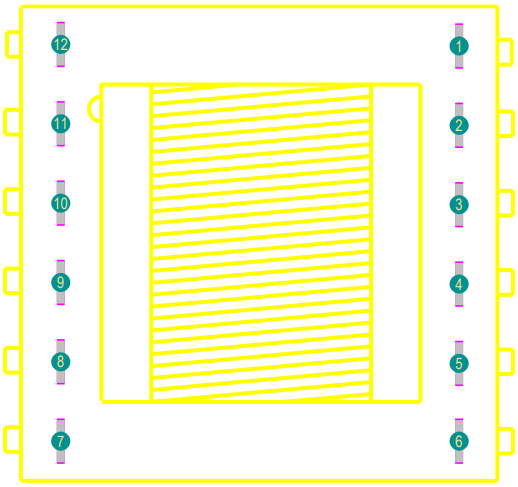
Library Reference	**ECAP-F SIZE**
Description	Footprint For Panasonic Co.
Height	10.2mm
Dimension	12.7mm x 9mm
Number of Pads	2
Number of Primitives	16



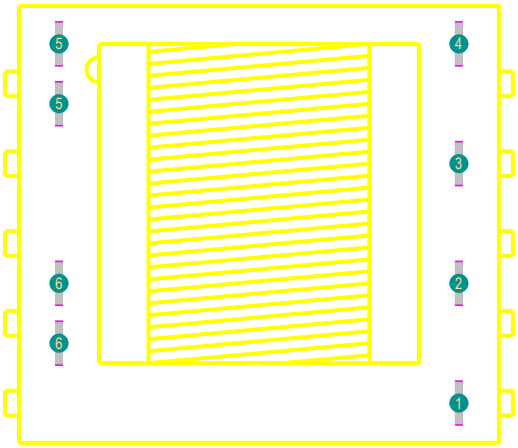
Library Reference	**EE13**
Description	
Height	0mm
Dimension	12.954mm x 12.954mm
Number of Pads	10
Number of Primitives	54



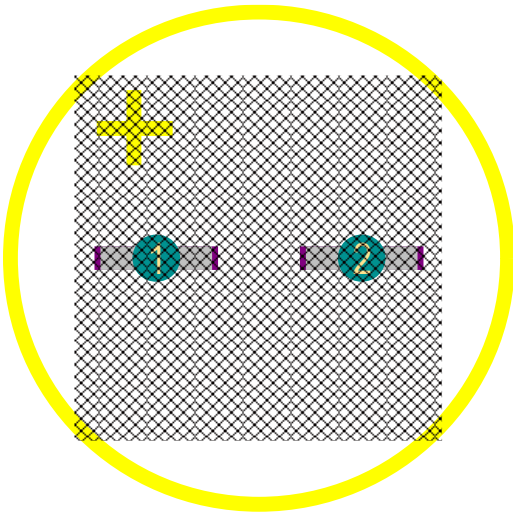
Library Reference	**EE13-16**
Description	
Height	0mm
Dimension	16.764mm x 15.494mm
Number of Pads	20
Number of Primitives	74



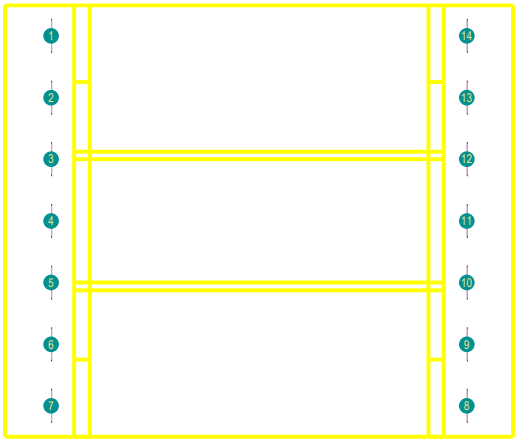
Library Reference	**EE30-TR**
Description	PDL-851 Trance
Height	22.5mm
Dimension	32.631mm x 30.632mm
Number of Pads	12
Number of Primitives	88



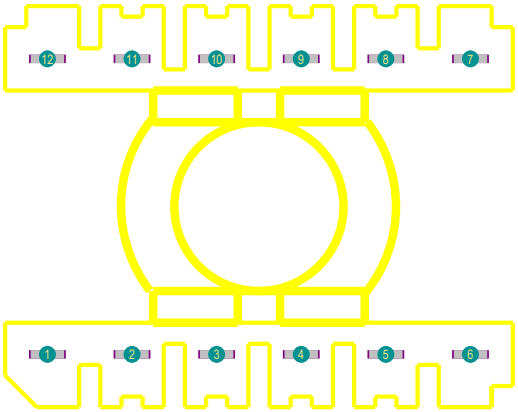
Library Reference	**EE30-TR-1**
Description	PDL-851 Trance
Height	22.5mm
Dimension	32.504mm x 28.067mm
Number of Pads	8
Number of Primitives	77



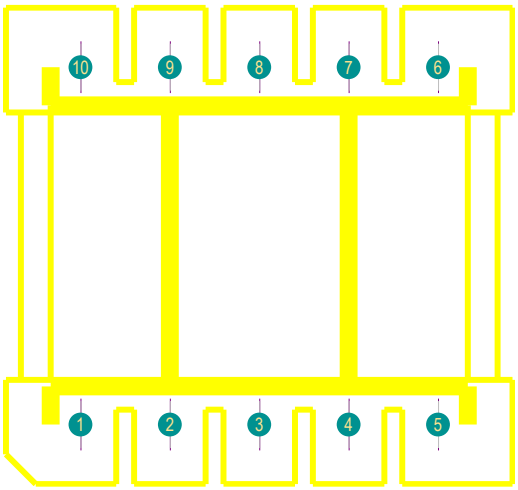
Library Reference	**EECHZ0E335**
Description	Electric Double Layer Capacitors (Gold Capacitor)/ HZ
Height	22mm
Dimension	8.754mm x 8.754mm
Number of Pads	2
Number of Primitives	5



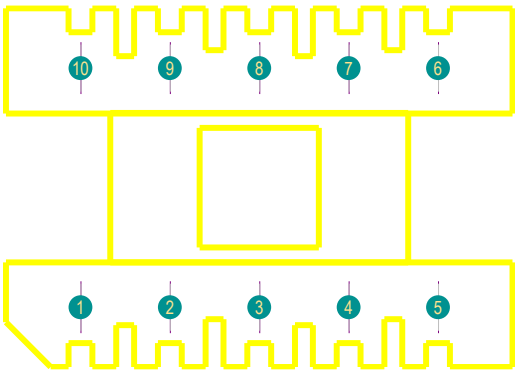
Library Reference	**EEL25**
Description	
Height	0mm
Dimension	33.254mm x 28.254mm
Number of Pads	14
Number of Primitives	32



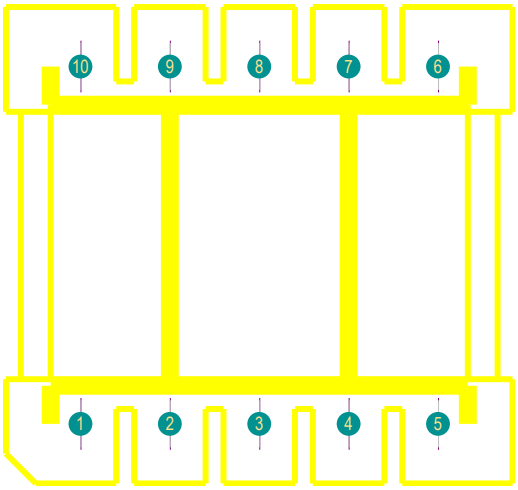
Library Reference	**EER28**
Description	
Height	0mm
Dimension	30.734mm x 24.384mm
Number of Pads	12
Number of Primitives	117



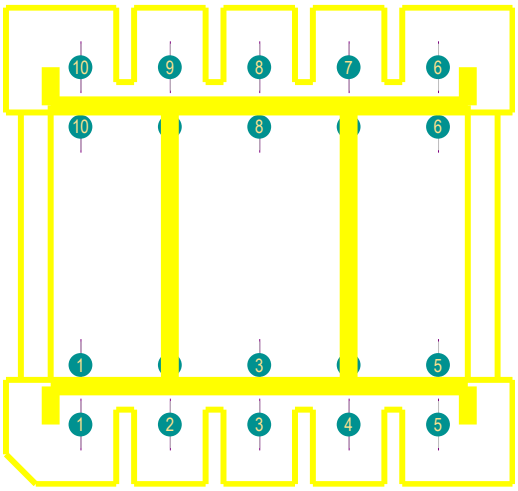
Library Reference	**EF16-20**
Description	
Height	0mm
Dimension	21.844mm x 20.574mm
Number of Pads	10
Number of Primitives	63



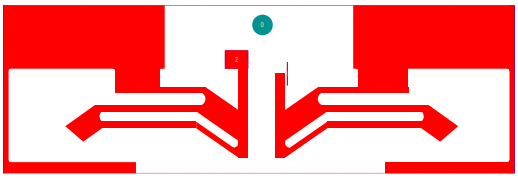
Library Reference	**EF20**
Description	
Height	0mm
Dimension	21.844mm x 15.494mm
Number of Pads	10
Number of Primitives	99



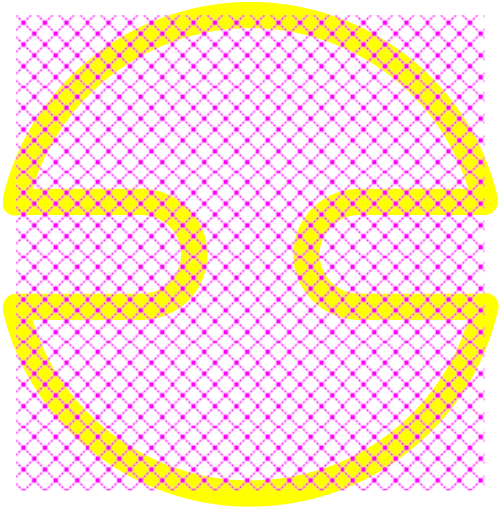
Library Reference	**EF20H**
Description	
Height	0mm
Dimension	21.844mm x 20.574mm
Number of Pads	10
Number of Primitives	63



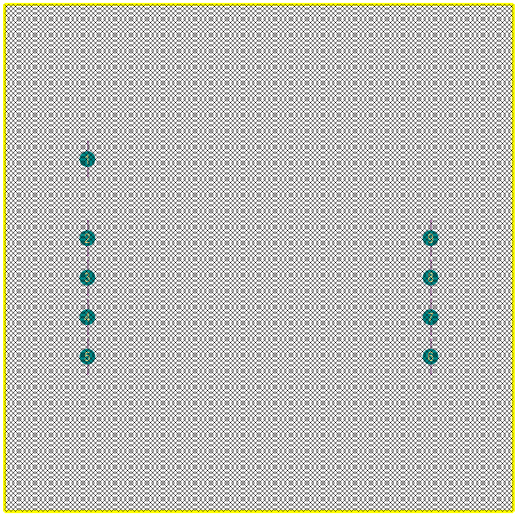
Library Reference	**EF20HV**
Description	
Height	0mm
Dimension	21.844mm x 20.574mm
Number of Pads	20
Number of Primitives	73



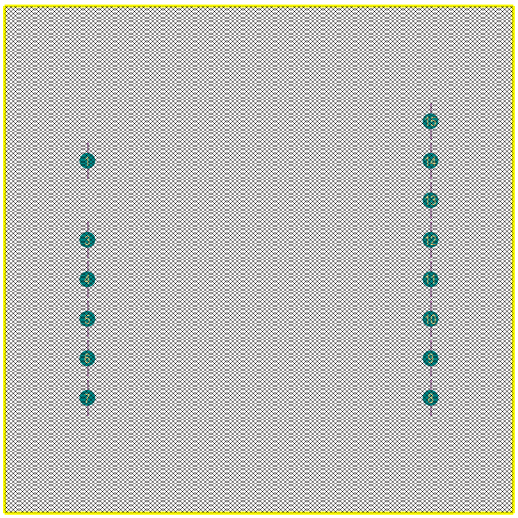
Library Reference	**EGSM**
Description	EGSM Antenna (900MHz Band)
Height	9.4mm
Dimension	74.71mm x 24.6mm
Number of Pads	3
Number of Primitives	46



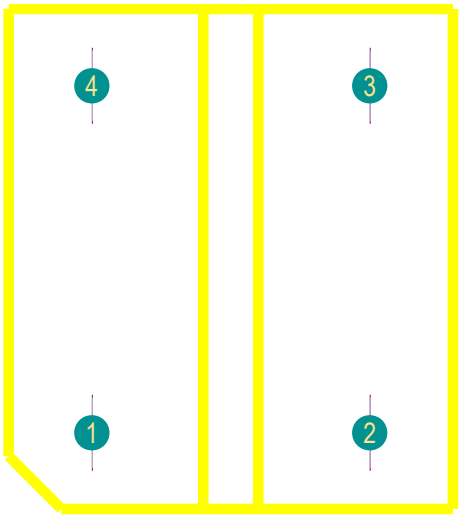
Library Reference	**ELM 4-14MM**
Description	LED Mounting Hardware
Height	14mm
Dimension	3.812mm x 3.9mm
Number of Pads	0
Number of Primitives	9



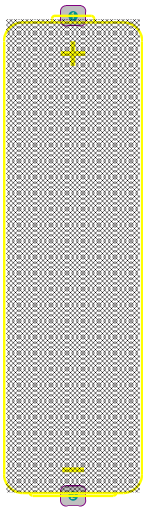
Library Reference	**EM-18**
Description	RFID Reader Module 32/6x32/6mm
Height	9.2mm
Dimension	32.8mm x 32.8mm
Number of Pads	9
Number of Primitives	20



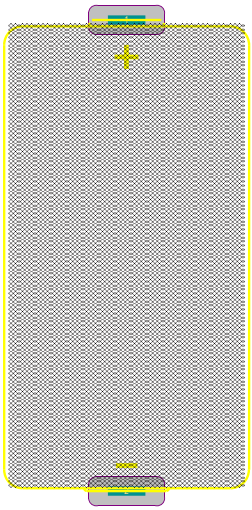
Library Reference	**EM-19**
Description	RFID Reader Module 32/6x32/6mm
Height	9.2mm
Dimension	32.8mm x 32.8mm
Number of Pads	14
Number of Primitives	21



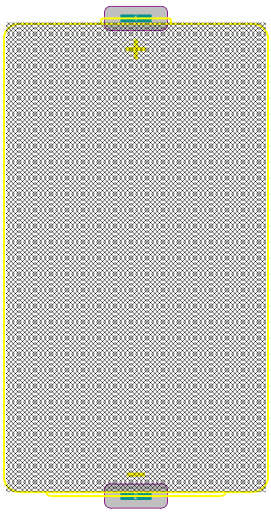
Library Reference	**EMI_FILTER_CHOKE**
Description	Common Mode Inductors/EMI Filters For AC Power Supply
Height	20.5mm
Dimension	16.381mm x 18.381mm
Number of Pads	4
Number of Primitives	11



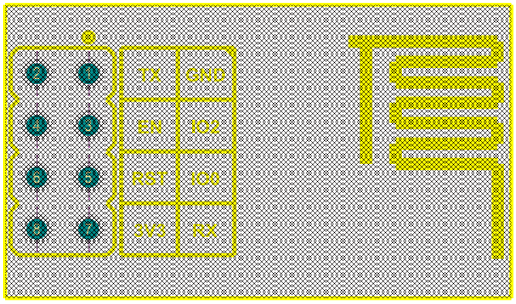
Library Reference	**ER14505**
Description	Primary Lithium Thionyl Chloride 3V6, 2400mA
Height	14.5mm
Dimension	14.754mm x 52.703mm
Number of Pads	2
Number of Primitives	21



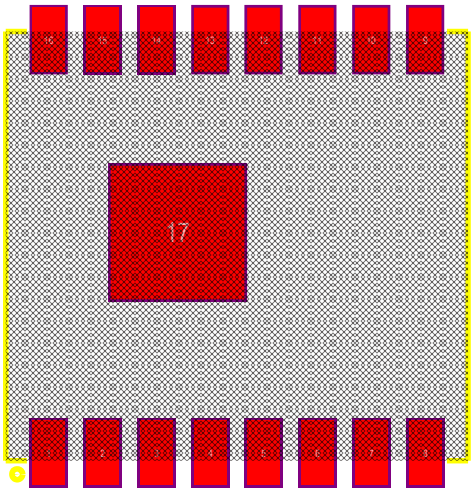
Library Reference	**ER26500M**
Description	Primary Lithium Thionyl Chloride 3V6, 6500mA
Height	26.2mm
Dimension	26.454mm x 53.703mm
Number of Pads	2
Number of Primitives	21



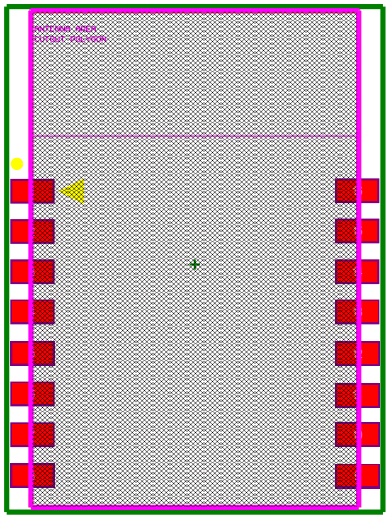
Library Reference	**ER34615**
Description	Primary Lithium Thionyl Chloride 3V6, 6500mA
Height	26.2mm
Dimension	34.254mm x 64.703mm
Number of Pads	2
Number of Primitives	21



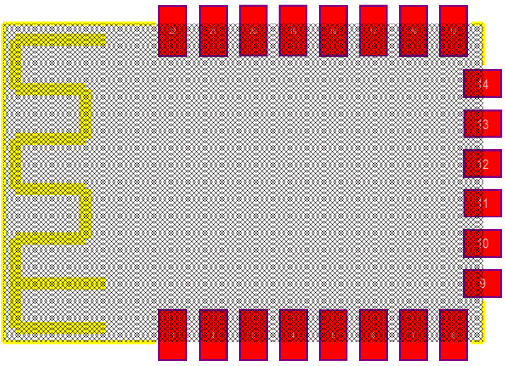
Library Reference	**ESP8266_01S**
Description	
Height	5.5mm
Dimension	25mm x 14.6mm
Number of Pads	8
Number of Primitives	82



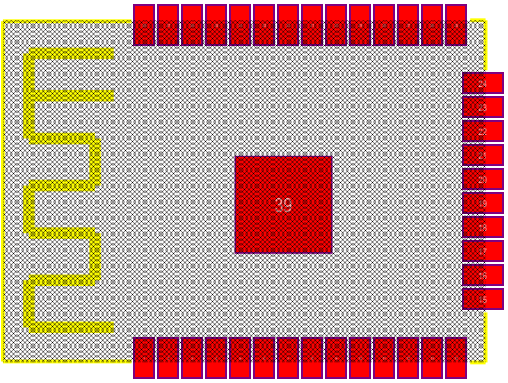
Library Reference	**ESP8266_07S**
Description	
Height	3.2mm
Dimension	17.4mm x 18.003mm
Number of Pads	17
Number of Primitives	25



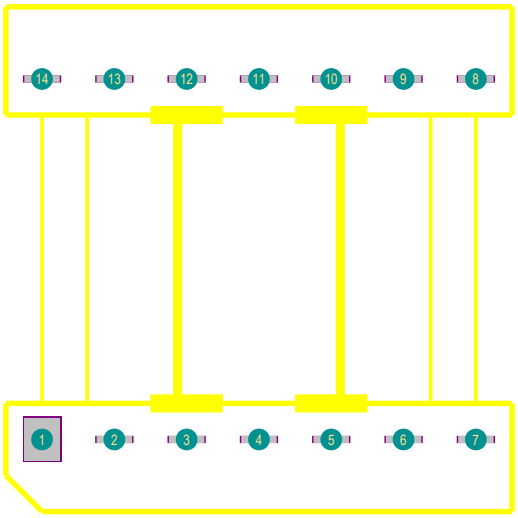
Library Reference	**ESP8266_12E**
Description	
Height	0mm
Dimension	18.796mm x 25.146mm
Number of Pads	16
Number of Primitives	41



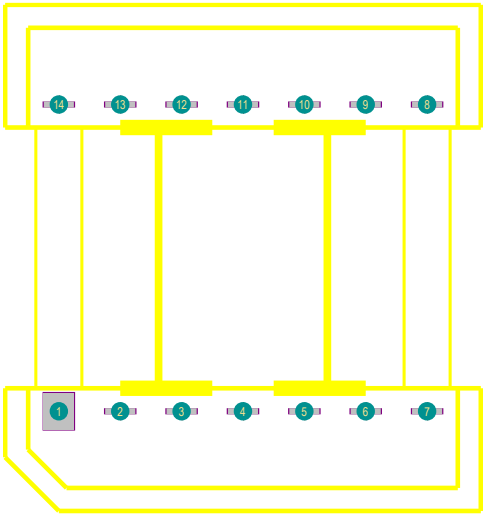
Library Reference	**ESP8266_12F**
Description	
Height	3.2mm
Dimension	25.052mm x 17.903mm
Number of Pads	22
Number of Primitives	43



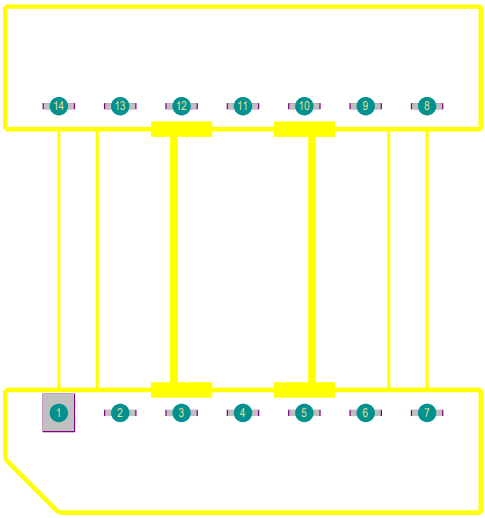
Library Reference	**ESP-WROOM-32**
Description	ESP-WROOM-32, 39-Leads, Pitch 1.27mm
Height	3.2mm
Dimension	26.602mm x 19.803mm
Number of Pads	39
Number of Primitives	60



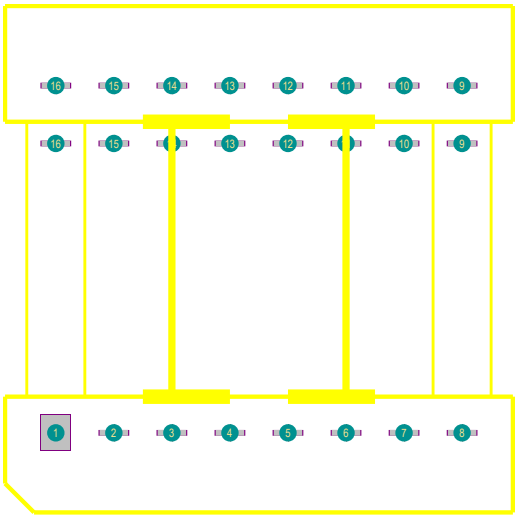
Library Reference	**ETD29**
Description	
Height	0mm
Dimension	35.941mm x 35.941mm
Number of Pads	14
Number of Primitives	33



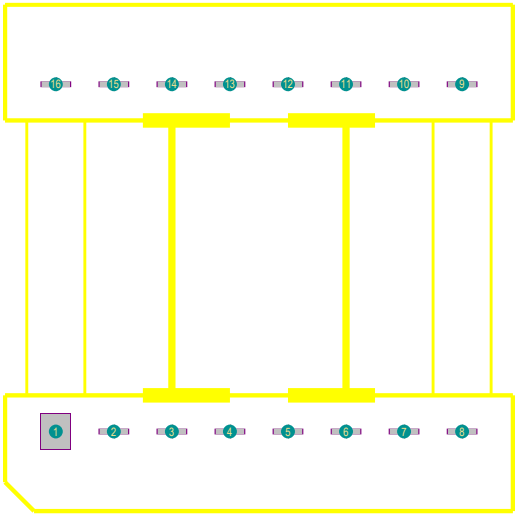
Library Reference	**ETD29/34**
Description	
Height	0mm
Dimension	39.751mm x 42.291mm
Number of Pads	14
Number of Primitives	40



Library Reference	**ETD34**
Description	
Height	0mm
Dimension	39.751mm x 42.291mm
Number of Pads	14
Number of Primitives	33



Library Reference	**ETD34/39**
Description	
Height	0mm
Dimension	44.831mm x 44.831mm
Number of Pads	24
Number of Primitives	43

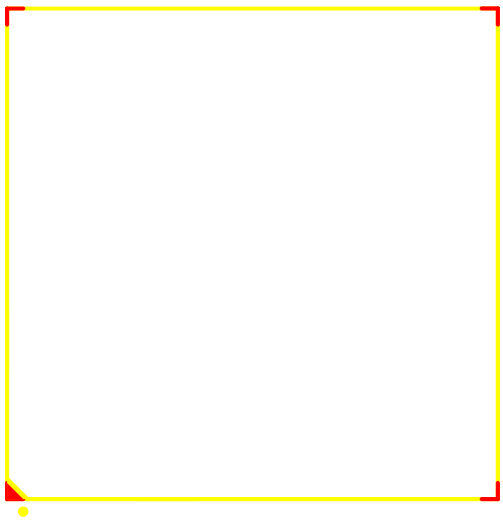


Library Reference	**ETD39**
Description	
Height	0mm
Dimension	44.831mm x 44.831mm
Number of Pads	16
Number of Primitives	35

Library Reference	**FBGA100**
Description	BGA, 324-Leads, Body 19x19mm, Pitch 1mm
Height	2.2mm
Dimension	10.2mm x 9.4mm
Number of Pads	101
Number of Primitives	108

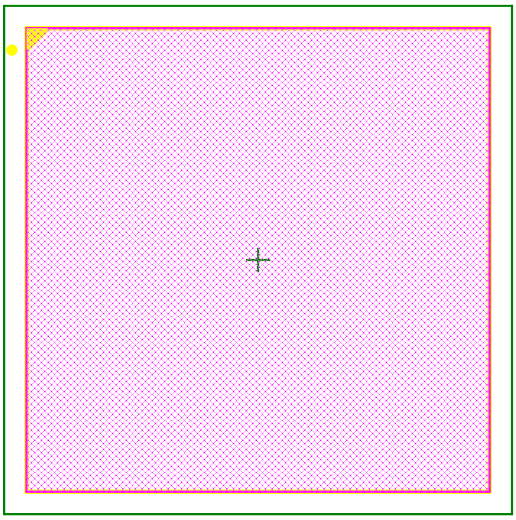
Library Reference	**FBGA256**
Description	BGA, 324-Leads, Body 19x19mm, Pitch 1mm
Height	2.2mm
Dimension	18mm x 17.2mm
Number of Pads	256
Number of Primitives	263

Library Reference	**FBGA324**
Description	BGA, 324-Leads, Body 19x19mm, Pitch 1mm
Height	2.2mm
Dimension	20mm x 19.2mm
Number of Pads	324
Number of Primitives	331

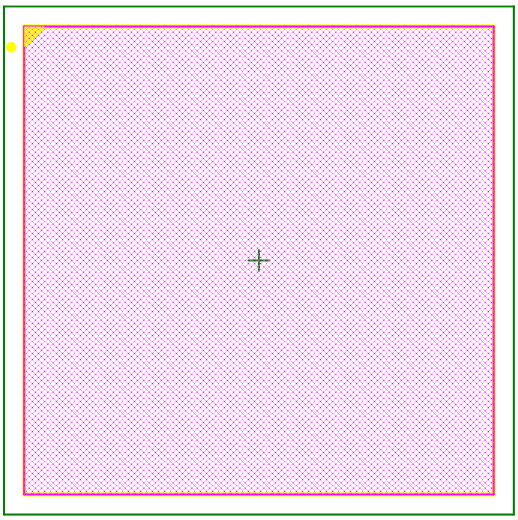


Library Reference	**FBGA-DSPTMS320**
Description	BGA, 697-Leads, Body 24x24mm, Pitch 0.8mm
Height	2.2mm
Dimension	24.2mm x 24.95mm
Number of Pads	697
Number of Primitives	715

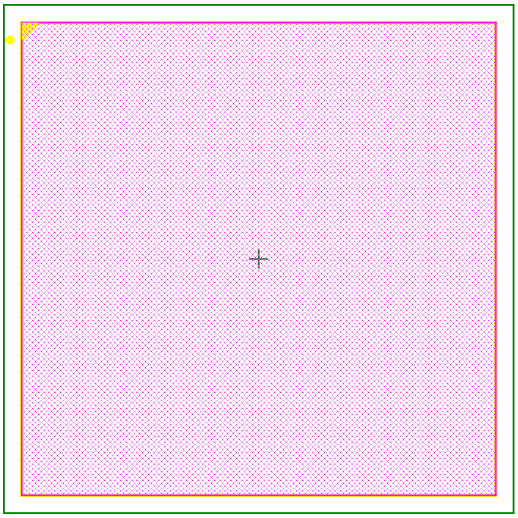
Library Reference	**FBGA Sonosite**
Description	BGA, 324-Leads, Body 19x19mm, Pitch 1mm
Height	2.2mm
Dimension	16.6mm x 15.8mm
Number of Pads	257
Number of Primitives	268



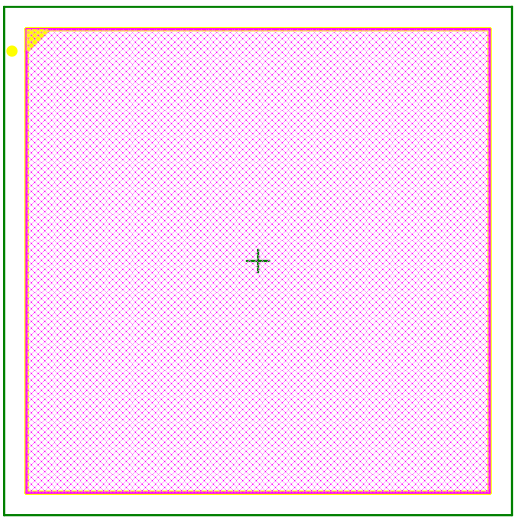
Library Reference	**FG400**
Description	BGA, 400-Leads, Body 21x21mm, Pitch 1mm
Height	2.43mm
Dimension	23.1mm x 23.1mm
Number of Pads	400
Number of Primitives	418



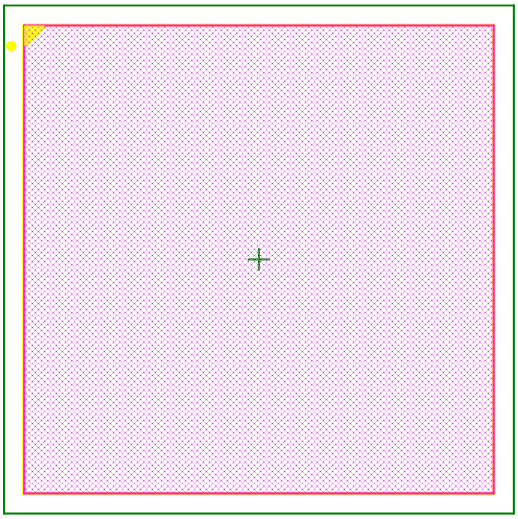
Library Reference	**FG484**
Description	BGA, 484-Leads, Body 23x23mm, Pitch 1mm
Height	2.6mm
Dimension	25.1mm x 25.1mm
Number of Pads	484
Number of Primitives	502



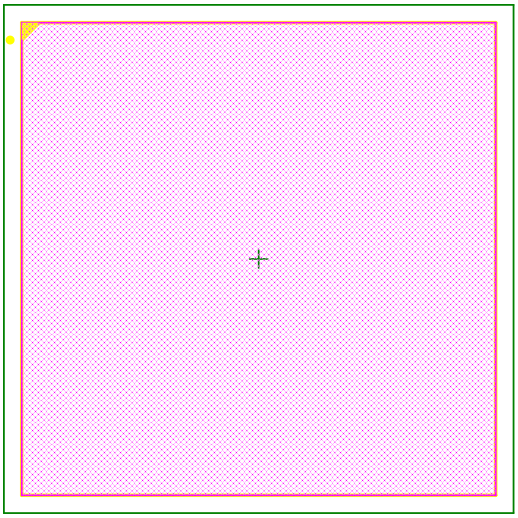
Library Reference	**FG676**
Description	BGA, 676-Leads, Body 27x27mm, Pitch 1mm
Height	2.6mm
Dimension	29.1mm x 29.1mm
Number of Pads	676
Number of Primitives	694



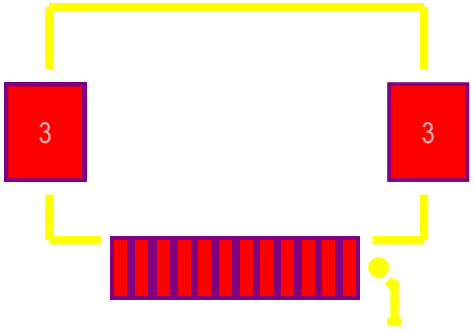
Library Reference	**FGG400**
Description	BGA, 400-Leads, Body 21x21mm, Pitch 1mm
Height	2.43mm
Dimension	23.1mm x 23.1mm
Number of Pads	400
Number of Primitives	418



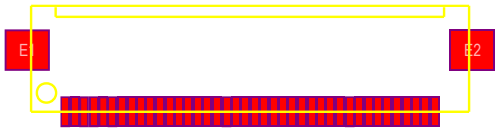
Library Reference	**FGG484**
Description	BGA, 484-Leads, Body 23x23mm, Pitch 1mm
Height	2.6mm
Dimension	25.1mm x 25.1mm
Number of Pads	484
Number of Primitives	502



Library Reference	**FGG676**
Description	BGA, 676-Leads, Body 27x27mm, Pitch 1mm
Height	2.6mm
Dimension	29.1mm x 29.1mm
Number of Pads	676
Number of Primitives	694

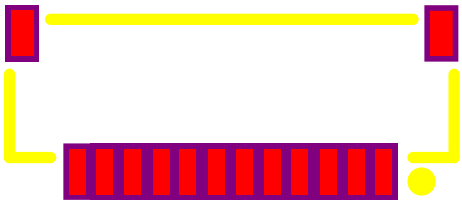


Library Reference	**FH12-12S-0.5SH**
Description	
Height	20mm
Dimension	11.253mm x 7.846mm
Number of Pads	14
Number of Primitives	24



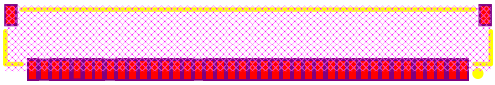
Library Reference	**FH12-40S-0.5SH**
Description	
Height	0mm
Dimension	25.903mm x 6.465mm
Number of Pads	42
Number of Primitives	50

Library Reference	**FH12-40S-0.5SV**
Description	
Height	0mm
Dimension	25.903mm x 6.465mm
Number of Pads	42
Number of Primitives	50

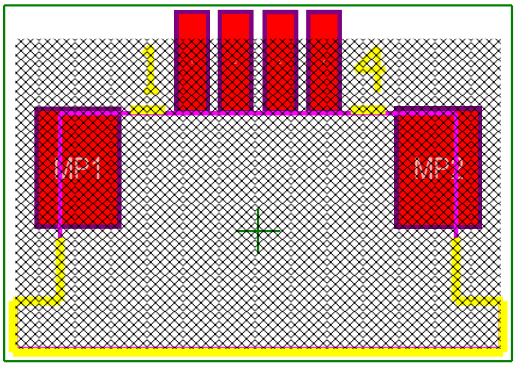


Library Reference	**FH19SC-12S-0.5SH(05)**
Description	FFC & FPC Connectors 0.5MM 12 POS R/A SMT FFC/FPC THICK .3MM
Height	0.9mm
Dimension	8.2mm x 3.503mm
Number of Pads	14
Number of Primitives	20

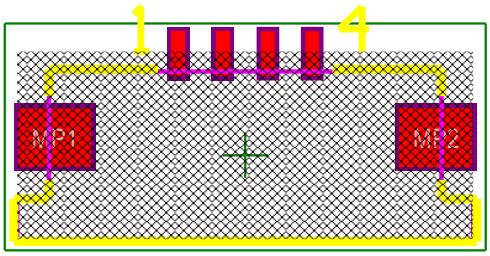
Library Reference	**FH19SC-24S-0.5SH(05)**
Description	0.5 mm Pitch FPC/FFC Connectors
Height	0.9mm
Dimension	14.2mm x 3.503mm
Number of Pads	26
Number of Primitives	32



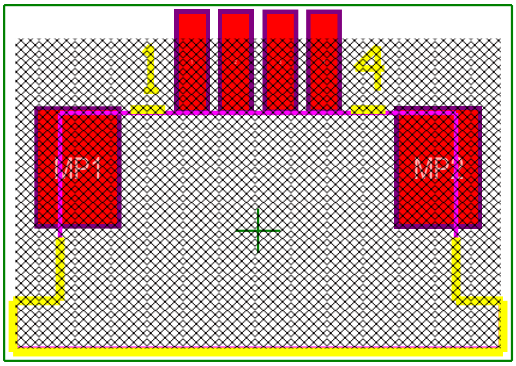
Library Reference	**FH19SC-40S-0.5SH(05)**
Description	0.5 mm Pitch FPC/FFC Connector
Height	0.9mm
Dimension	22.2mm x 3.503mm
Number of Pads	42
Number of Primitives	49



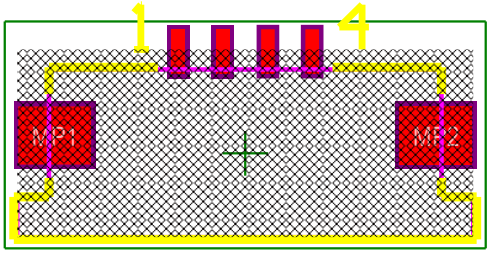
Library Reference	**FPC_4PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 4p
Height	3.15mm
Dimension	11.6mm x 8.175mm
Number of Pads	6
Number of Primitives	32



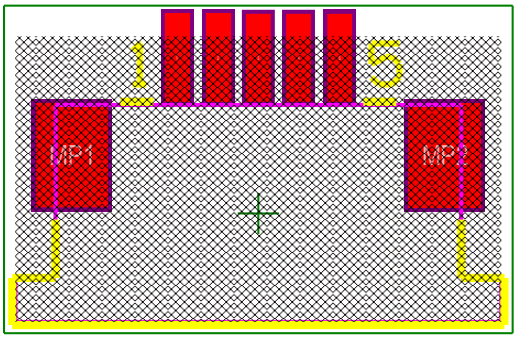
Library Reference	**FPC_4PIN_BCLP_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 1mm, 4p
Height	1.3mm
Dimension	10.8mm x 5.693mm
Number of Pads	6
Number of Primitives	35



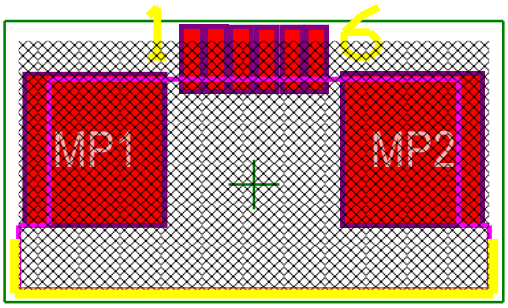
Library Reference	**FPC_4PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 4p
Height	3.15mm
Dimension	11.6mm x 8.175mm
Number of Pads	6
Number of Primitives	32



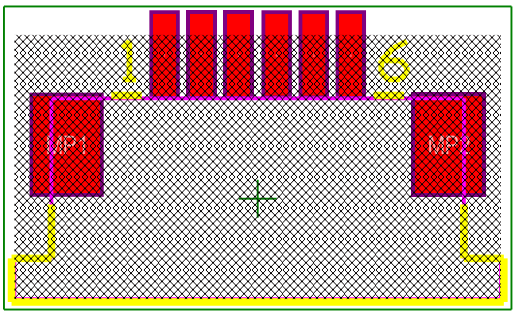
Library Reference	**FPC_4PIN_TCLP_1mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 1mm, 4p
Height	1.3mm
Dimension	10.8mm x 5.693mm
Number of Pads	6
Number of Primitives	35



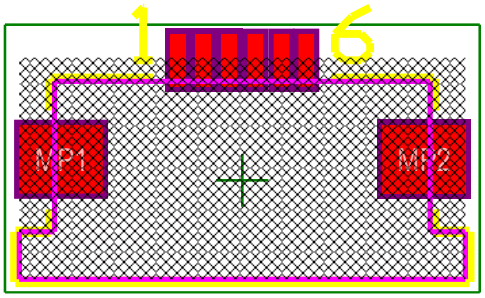
Library Reference	**FPC_5PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 5p
Height	3.15mm
Dimension	12.6mm x 8.175mm
Number of Pads	7
Number of Primitives	33



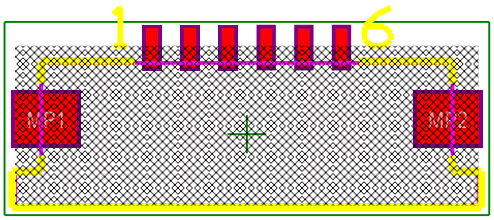
Library Reference	**FPC_6PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 6p
Height	2.25mm
Dimension	10mm x 6.228mm
Number of Pads	8
Number of Primitives	28



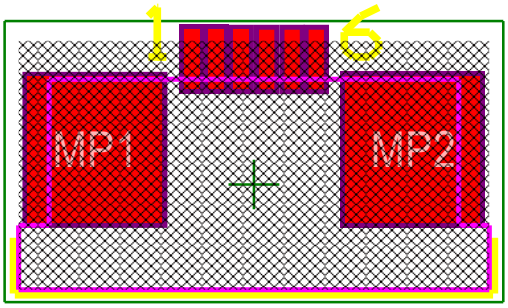
Library Reference	**FPC_6PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 6p
Height	3.15mm
Dimension	13.6mm x 8.175mm
Number of Pads	8
Number of Primitives	34



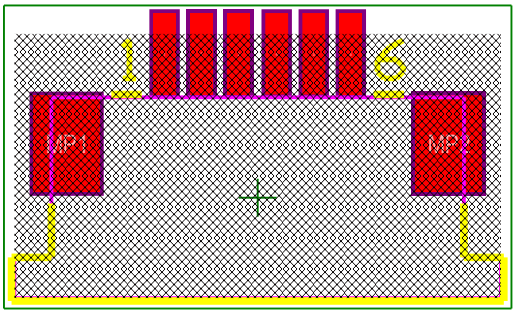
Library Reference	**FPC_6PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 6p
Height	1.3mm
Dimension	9.3mm x 5.643mm
Number of Pads	8
Number of Primitives	36



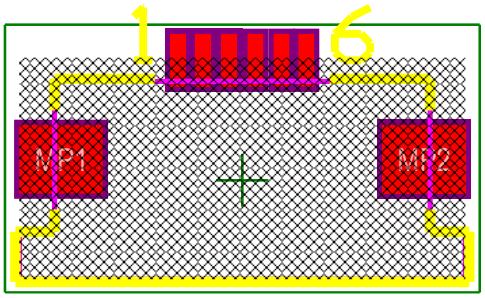
Library Reference	**FPC_6PIN_BCLP_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 1mm, 6p
Height	1.3mm
Dimension	12.8mm x 5.693mm
Number of Pads	8
Number of Primitives	37



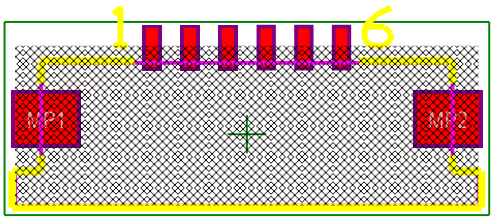
Library Reference	**FPC_6PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 6p
Height	2.25mm
Dimension	10mm x 6.228mm
Number of Pads	8
Number of Primitives	28



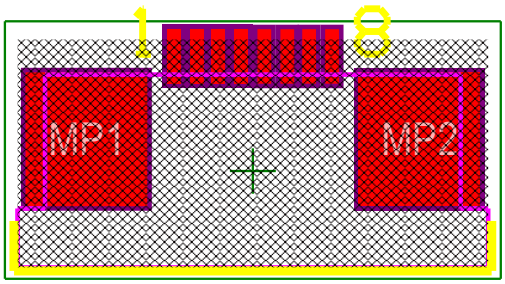
Library Reference	**FPC_6PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 6p
Height	3.15mm
Dimension	13.6mm x 8.175mm
Number of Pads	8
Number of Primitives	34



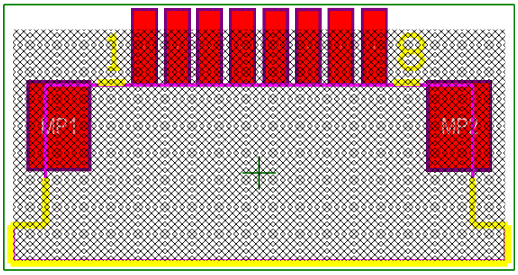
Library Reference	**FPC_6PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 6p
Height	1.3mm
Dimension	9.3mm x 5.643mm
Number of Pads	8
Number of Primitives	36



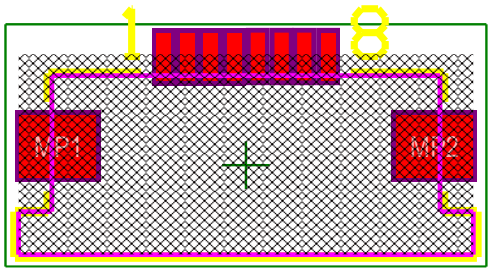
Library Reference	**FPC_6PIN_TCLP_1mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 1mm, 6p
Height	1.3mm
Dimension	12.8mm x 5.693mm
Number of Pads	8
Number of Primitives	37



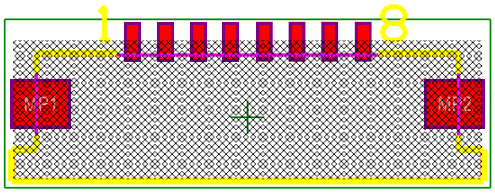
Library Reference	**FPC_8PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 8p
Height	2.25mm
Dimension	11mm x 6.228mm
Number of Pads	10
Number of Primitives	30



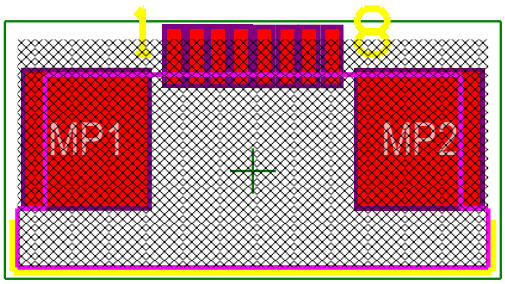
Library Reference	**FPC_8PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 8p
Height	3.15mm
Dimension	15.6mm x 8.175mm
Number of Pads	10
Number of Primitives	36



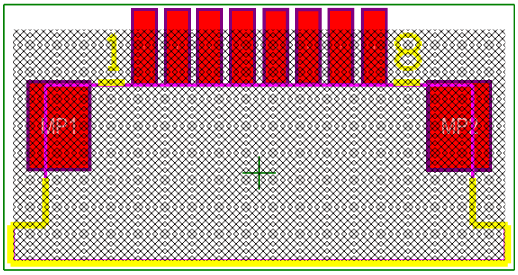
Library Reference	**FPC_8PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 8p
Height	1.3mm
Dimension	10.3mm x 5.643mm
Number of Pads	10
Number of Primitives	38



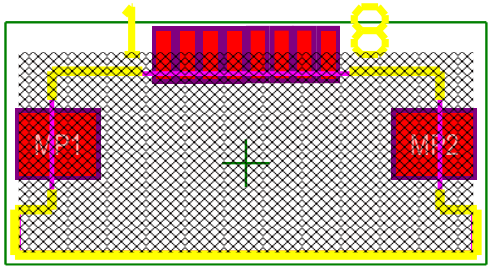
Library Reference	**FPC_8PIN_BCLP_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 1mm, 8p
Height	1.3mm
Dimension	14.8mm x 5.693mm
Number of Pads	10
Number of Primitives	39



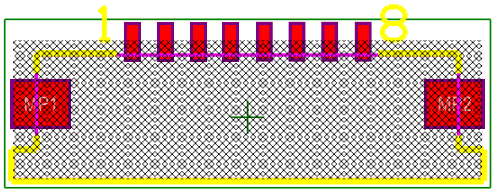
Library Reference	**FPC_8PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 8p
Height	2.25mm
Dimension	11mm x 6.228mm
Number of Pads	10
Number of Primitives	30



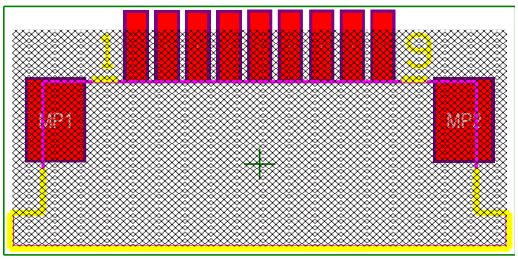
Library Reference	**FPC_8PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 8p
Height	3.15mm
Dimension	15.6mm x 8.175mm
Number of Pads	10
Number of Primitives	36



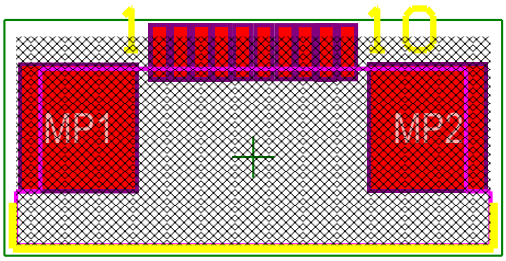
Library Reference	**FPC_8PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 8p
Height	1.3mm
Dimension	10.3mm x 5.643mm
Number of Pads	10
Number of Primitives	38



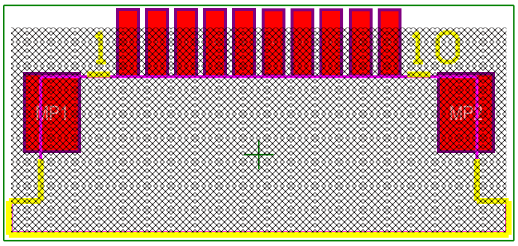
Library Reference	**FPC_8PIN_TCLP_1mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 1mm, 8p
Height	1.3mm
Dimension	14.8mm x 5.693mm
Number of Pads	10
Number of Primitives	39



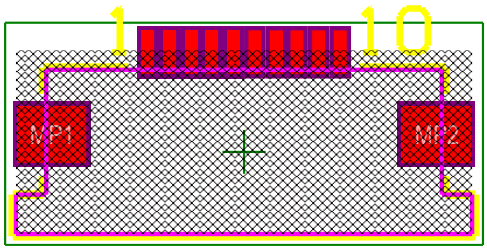
Library Reference	**FPC_9PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 9p
Height	3.15mm
Dimension	16.6mm x 8.175mm
Number of Pads	11
Number of Primitives	37



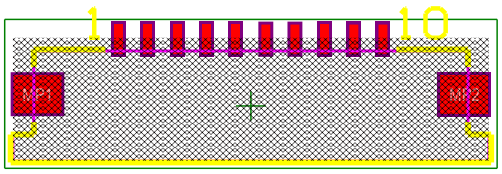
Library Reference	**FPC_10PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 10p
Height	2.25mm
Dimension	12mm x 6.228mm
Number of Pads	12
Number of Primitives	32



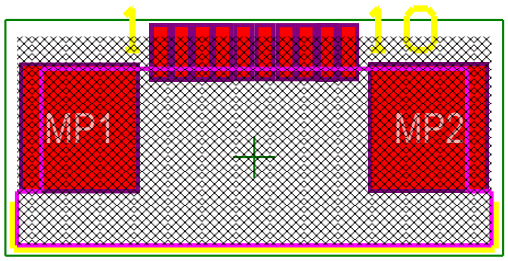
Library Reference	**FPC_10PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 10p
Height	3.15mm
Dimension	17.6mm x 8.175mm
Number of Pads	12
Number of Primitives	38



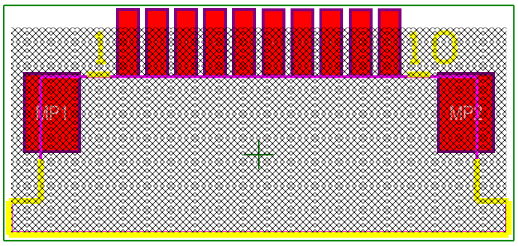
Library Reference	**FPC_10PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 10p
Height	1.3mm
Dimension	11.3mm x 5.643mm
Number of Pads	12
Number of Primitives	40



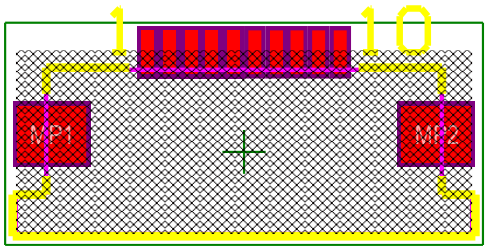
Library Reference	**FPC_10PIN_BCLP_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 1mm, 10p
Height	1.3mm
Dimension	16.8mm x 5.693mm
Number of Pads	12
Number of Primitives	41



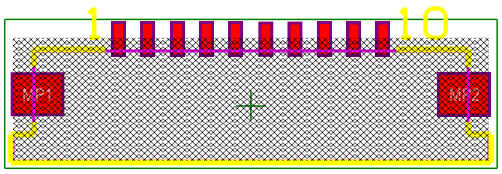
Library Reference	**FPC_10PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 10p
Height	2.25mm
Dimension	12mm x 6.228mm
Number of Pads	12
Number of Primitives	32



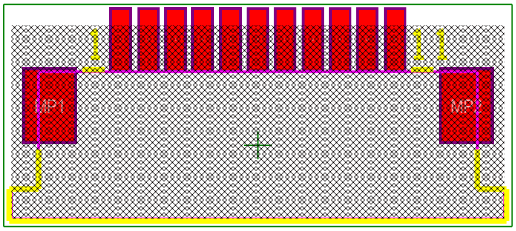
Library Reference	**FPC_10PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 10p
Height	3.15mm
Dimension	17.6mm x 8.175mm
Number of Pads	12
Number of Primitives	38



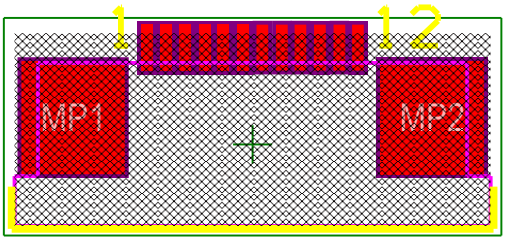
Library Reference	**FPC_10PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 10p
Height	1.3mm
Dimension	11.3mm x 5.643mm
Number of Pads	12
Number of Primitives	40



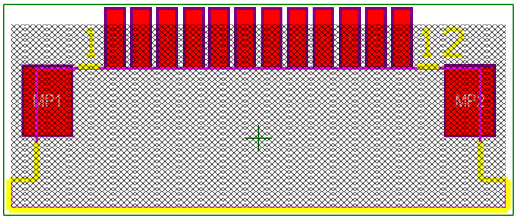
Library Reference	**FPC_10PIN_TCLP_1mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 1mm, 10p
Height	1.3mm
Dimension	16.8mm x 5.693mm
Number of Pads	12
Number of Primitives	41



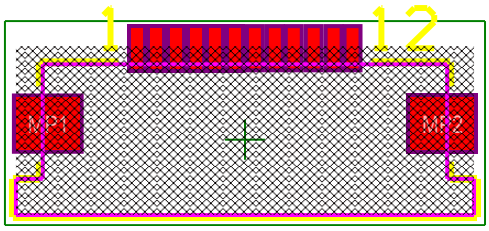
Library Reference	**FPC_11PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 11p
Height	3.15mm
Dimension	18.6mm x 8.175mm
Number of Pads	13
Number of Primitives	39



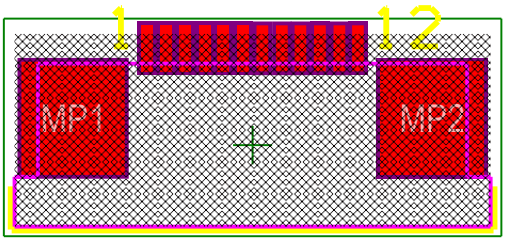
Library Reference	**FPC_12PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 12p
Height	2.25mm
Dimension	13mm x 6.228mm
Number of Pads	14
Number of Primitives	34



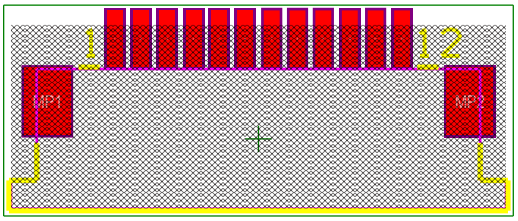
Library Reference	**FPC_12PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 12p
Height	3.15mm
Dimension	19.6mm x 8.175mm
Number of Pads	14
Number of Primitives	40



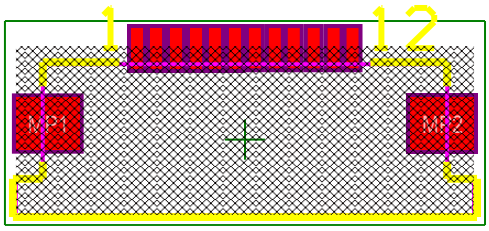
Library Reference	**FPC_12PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 12p
Height	1.3mm
Dimension	12.3mm x 5.643mm
Number of Pads	14
Number of Primitives	42



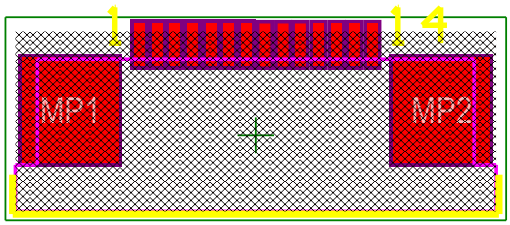
Library Reference	**FPC_12PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 12p
Height	2.25mm
Dimension	13mm x 6.228mm
Number of Pads	14
Number of Primitives	34



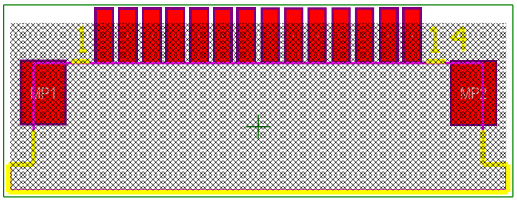
Library Reference	**FPC_12PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 12p
Height	3.15mm
Dimension	19.6mm x 8.175mm
Number of Pads	14
Number of Primitives	40



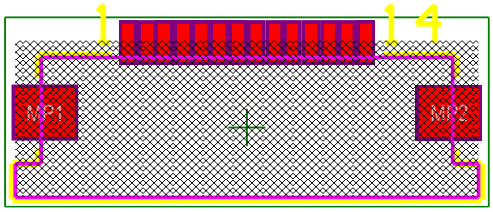
Library Reference	**FPC_12PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 12p
Height	1.3mm
Dimension	12.3mm x 5.643mm
Number of Pads	14
Number of Primitives	42



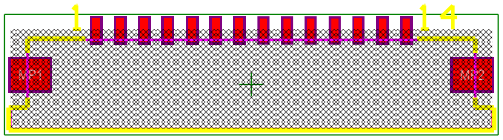
Library Reference	**FPC_14PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 14p
Height	2.25mm
Dimension	14mm x 6.228mm
Number of Pads	16
Number of Primitives	36



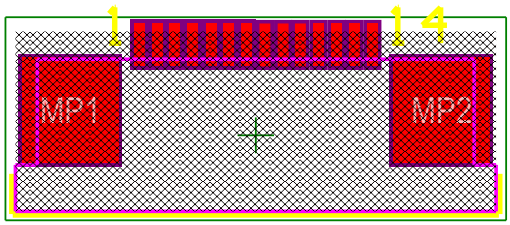
Library Reference	**FPC_14PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 14p
Height	3.15mm
Dimension	21.6mm x 8.175mm
Number of Pads	16
Number of Primitives	42



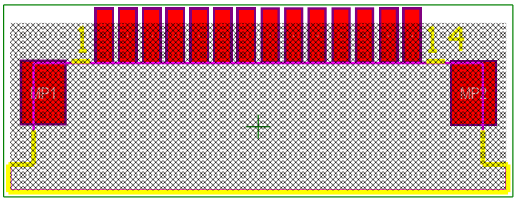
Library Reference	**FPC_14PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 14p
Height	1.3mm
Dimension	13.3mm x 5.643mm
Number of Pads	16
Number of Primitives	44



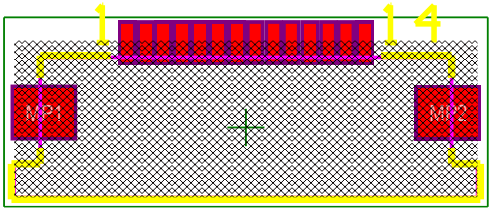
Library Reference	**FPC_14PIN_BCLP_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 1mm, 14p
Height	1.3mm
Dimension	20.8mm x 5.693mm
Number of Pads	16
Number of Primitives	45



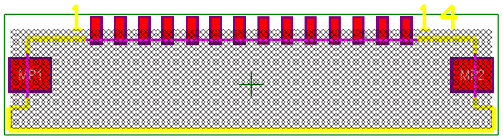
Library Reference	**FPC_14PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 14p
Height	2.25mm
Dimension	14mm x 6.228mm
Number of Pads	16
Number of Primitives	36



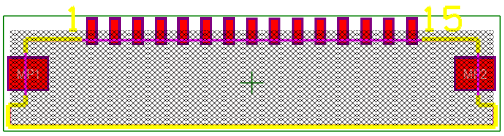
Library Reference	**FPC_14PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 14p
Height	3.15mm
Dimension	21.6mm x 8.175mm
Number of Pads	16
Number of Primitives	42



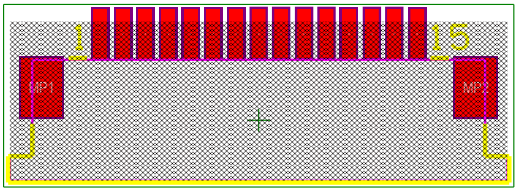
Library Reference	**FPC_14PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 14p
Height	1.3mm
Dimension	13.3mm x 5.643mm
Number of Pads	16
Number of Primitives	44



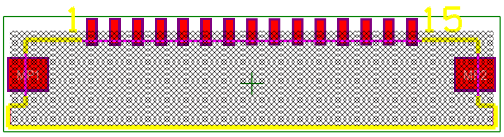
Library Reference	**FPC_14PIN_TCLP_1mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 1mm, 14p
Height	1.3mm
Dimension	20.8mm x 5.693mm
Number of Pads	16
Number of Primitives	45



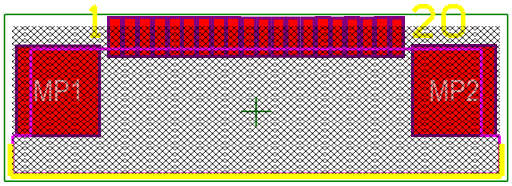
Library Reference	**FPC_15PIN_BCLP_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 1mm, 15p
Height	1.3mm
Dimension	21.8mm x 5.693mm
Number of Pads	17
Number of Primitives	46



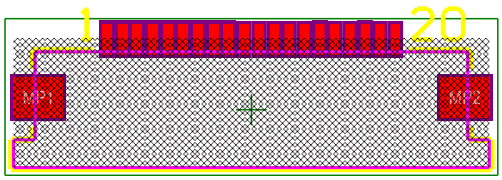
Library Reference	**FPC_15PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 15p
Height	3.15mm
Dimension	22.6mm x 8.175mm
Number of Pads	17
Number of Primitives	43



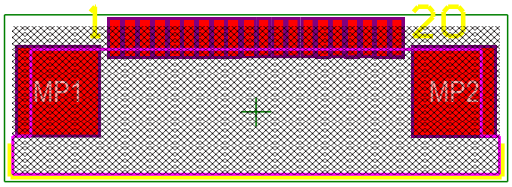
Library Reference	**FPC_15PIN_TCLP_1mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 1mm, 15p
Height	1.3mm
Dimension	21.8mm x 5.693mm
Number of Pads	17
Number of Primitives	46



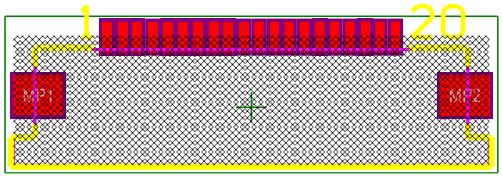
Library Reference	**FPC_20PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 20p
Height	2.25mm
Dimension	17mm x 6.228mm
Number of Pads	22
Number of Primitives	42



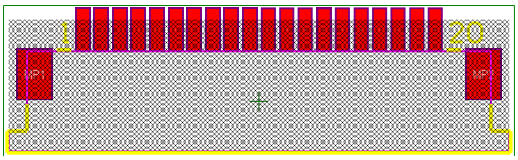
Library Reference	**FPC_20PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 20p
Height	1.3mm
Dimension	16.3mm x 5.643mm
Number of Pads	22
Number of Primitives	50



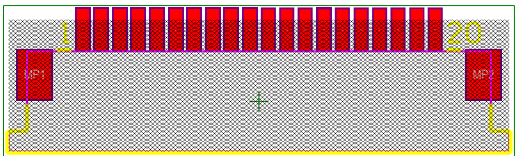
Library Reference	**FPC_20PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 20p
Height	2.25mm
Dimension	17mm x 6.228mm
Number of Pads	22
Number of Primitives	42



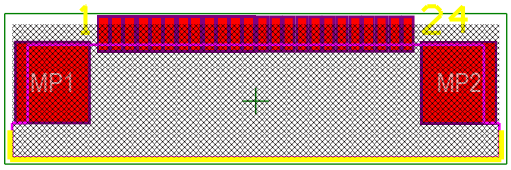
Library Reference	**FPC_20PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 20p
Height	1.3mm
Dimension	16.3mm x 5.643mm
Number of Pads	22
Number of Primitives	50



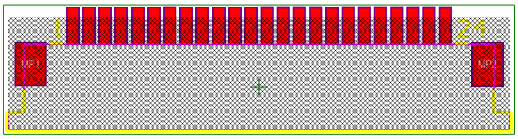
Library Reference	**FPC_22PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 20p
Height	3.15mm
Dimension	27.6mm x 8.175mm
Number of Pads	22
Number of Primitives	48



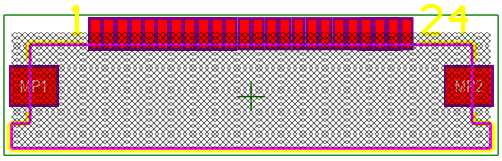
Library Reference	**FPC_22PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 20p
Height	3.15mm
Dimension	27.6mm x 8.175mm
Number of Pads	22
Number of Primitives	48



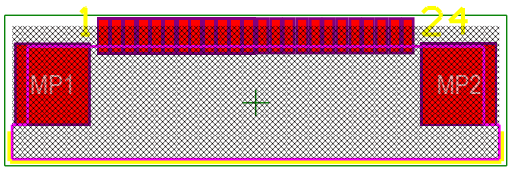
Library Reference	**FPC_24PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 24p
Height	2.25mm
Dimension	19mm x 6.228mm
Number of Pads	26
Number of Primitives	46



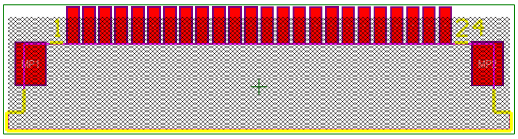
Library Reference	**FPC_24PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 24p
Height	3.15mm
Dimension	31.6mm x 8.175mm
Number of Pads	26
Number of Primitives	52



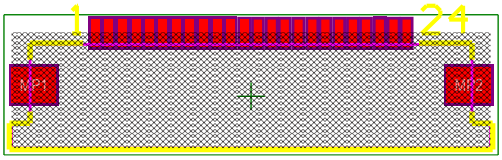
Library Reference	**FPC_24PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 24p
Height	1.3mm
Dimension	18.3mm x 5.643mm
Number of Pads	26
Number of Primitives	54



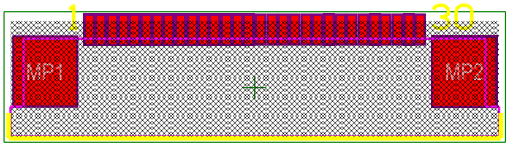
Library Reference	**FPC_24PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 24p
Height	2.25mm
Dimension	19mm x 6.228mm
Number of Pads	26
Number of Primitives	46



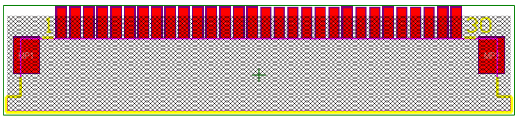
Library Reference	**FPC_24PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 24p
Height	3.15mm
Dimension	31.6mm x 8.175mm
Number of Pads	26
Number of Primitives	52



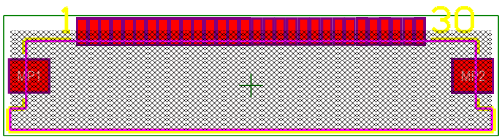
Library Reference	**FPC_24PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 24p
Height	1.3mm
Dimension	18.3mm x 5.643mm
Number of Pads	26
Number of Primitives	54



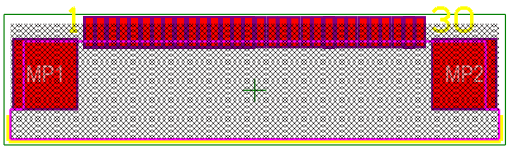
Library Reference	**FPC_30PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 30p
Height	2.25mm
Dimension	22mm x 6.228mm
Number of Pads	32
Number of Primitives	52



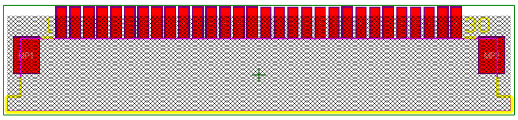
Library Reference	**FPC_30PIN_BC_1mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 1mm, 30p
Height	3.15mm
Dimension	37.6mm x 8.175mm
Number of Pads	32
Number of Primitives	58



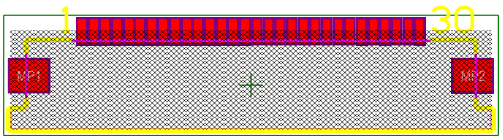
Library Reference	**FPC_30PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 30p
Height	1.3mm
Dimension	21.3mm x 5.643mm
Number of Pads	32
Number of Primitives	60



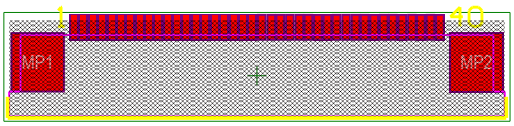
Library Reference	**FPC_30PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 30p
Height	2.25mm
Dimension	22mm x 6.228mm
Number of Pads	32
Number of Primitives	52



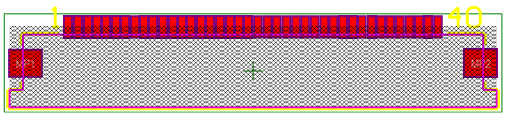
Library Reference	**FPC_30PIN_TC_1mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 1mm, 30p
Height	3.15mm
Dimension	37.6mm x 8.175mm
Number of Pads	32
Number of Primitives	58



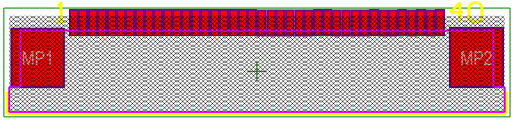
Library Reference	**FPC_30PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 30p
Height	1.3mm
Dimension	21.3mm x 5.643mm
Number of Pads	32
Number of Primitives	60



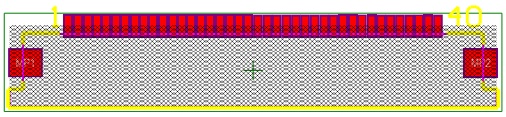
Library Reference	**FPC_40PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 40p
Height	2.25mm
Dimension	27mm x 6.228mm
Number of Pads	42
Number of Primitives	62



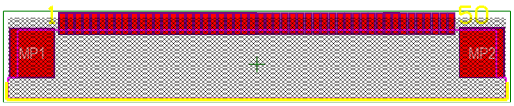
Library Reference	**FPC_40PIN_BCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact Low Profile, pitch 0.5mm, 40p
Height	1.3mm
Dimension	26.3mm x 5.643mm
Number of Pads	42
Number of Primitives	70



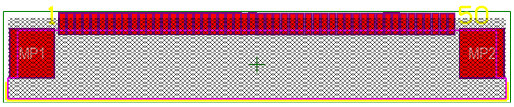
Library Reference	**FPC_40PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 40p
Height	2.25mm
Dimension	27mm x 6.228mm
Number of Pads	42
Number of Primitives	62



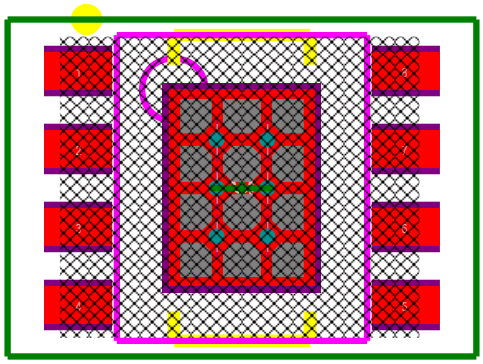
Library Reference	**FPC_40PIN_TCLP_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact Low Profile, pitch 0.5mm, 40p
Height	1.3mm
Dimension	26.3mm x 5.643mm
Number of Pads	42
Number of Primitives	70



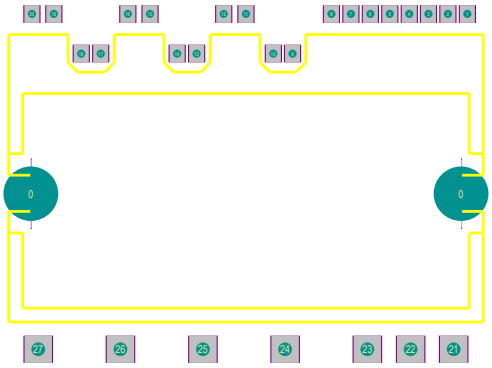
Library Reference	**FPC_50PIN_BC_0.5mm**
Description	ZIF Connectors, Horizontal, Bottom Contact, pitch 0.5mm, 50p
Height	2.25mm
Dimension	32mm x 6.228mm
Number of Pads	52
Number of Primitives	72



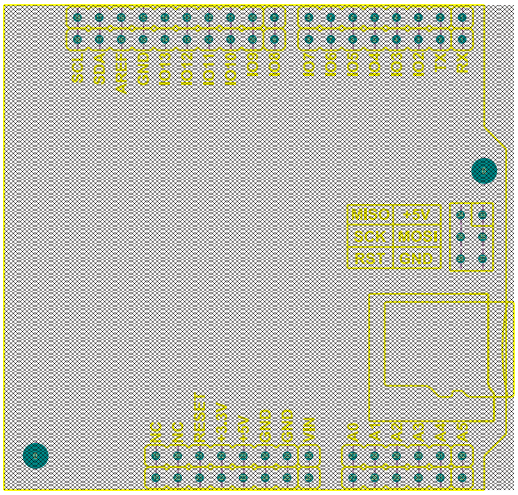
Library Reference	**FPC_50PIN_TC_0.5mm**
Description	ZIF Connectors, Horizontal, Top Contact, pitch 0.5mm, 50p
Height	2.25mm
Dimension	32mm x 6.228mm
Number of Pads	52
Number of Primitives	72



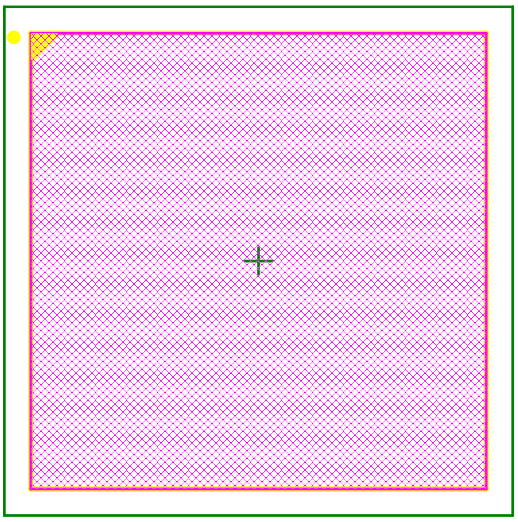
Library Reference	**FR9888**
Description	FR9888 SOP8 With Pad
Height	1.5mm
Dimension	7.6mm x 5.805mm
Number of Pads	15
Number of Primitives	46



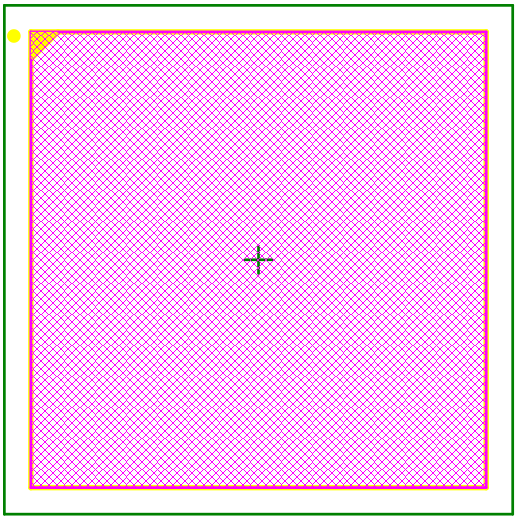
Library Reference	**FSBS15CH60AA**
Description	
Height	0mm
Dimension	46.431mm x 35.542mm
Number of Pads	29
Number of Primitives	69



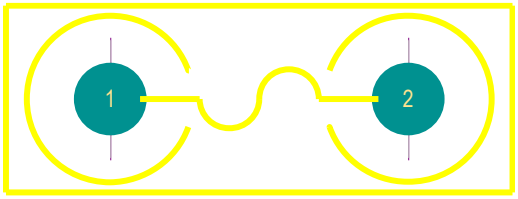
Library Reference	**FT81X_Arduino_Shield**
Description	FT81X, Body 58.2 x 56.2mm
Height	8mm
Dimension	59.4mm x 56.4mm
Number of Pads	72
Number of Primitives	586



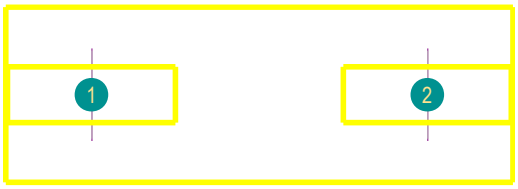
Library Reference	**FT256**
Description	BGA, 256-Leads, Body 17x17mm, Pitch 1mm
Height	1.55mm
Dimension	19.1mm x 19.1mm
Number of Pads	256
Number of Primitives	274



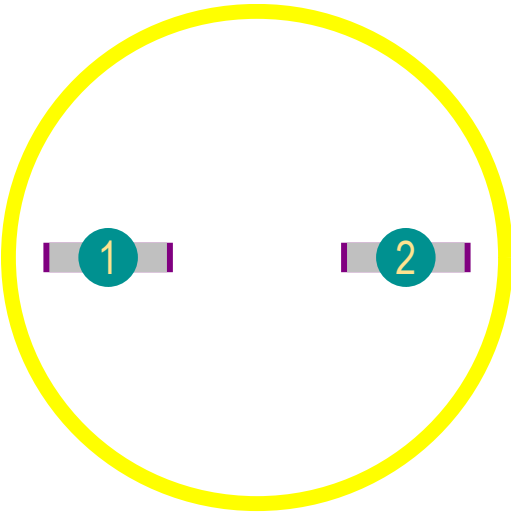
Library Reference	**FTG256**
Description	BGA, 256-Leads, Body 17x17mm, Pitch 1mm
Height	1.55mm
Dimension	19.1mm x 19.1mm
Number of Pads	256
Number of Primitives	274



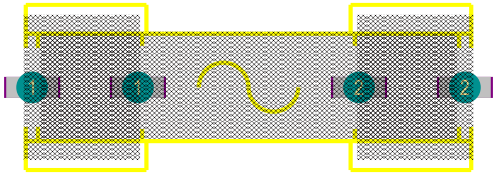
Library Reference	**FUSE-Double-Screw**
Description	
Height	0mm
Dimension	21.844mm x 8.254mm
Number of Pads	2
Number of Primitives	12



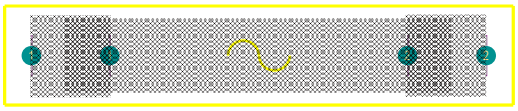
Library Reference	**FUSE-TORK**
Description	
Height	0mm
Dimension	23.254mm x 8.254mm
Number of Pads	2
Number of Primitives	14



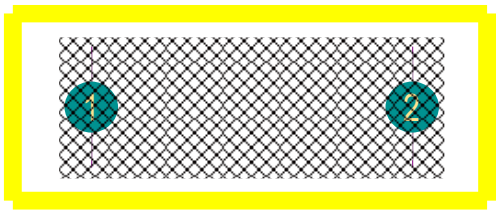
Library Reference	**FUSE-TR5**
Description	SUBMINIATURE F USES
Height	8mm
Dimension	8.754mm x 8.754mm
Number of Pads	2
Number of Primitives	3



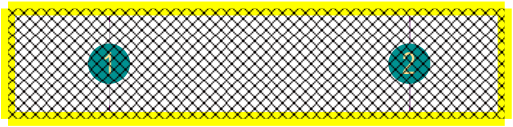
Library Reference	**FUSE_5X20MM_4PIN**
Description	Fuse Holder 5x20mm 4 PIN
Height	6mm
Dimension	23.503mm x 8.2mm
Number of Pads	4
Number of Primitives	31



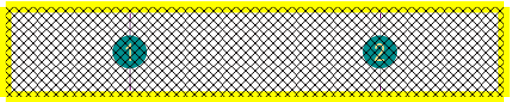
Library Reference	**FUSE_6X30MM_4PIN**
Description	Fuse Holder 6x30mm 4 PIN
Height	0mm
Dimension	39.829mm x 8.079mm
Number of Pads	4
Number of Primitives	13



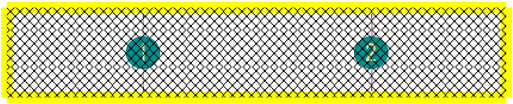
Library Reference	**FUSE_PPTC_UF90**
Description	
Height	0mm
Dimension	7.004mm x 3.029mm
Number of Pads	2
Number of Primitives	7



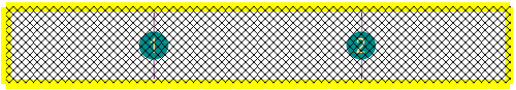
Library Reference	**FUSE_PPTC_UF200**
Description	
Height	0mm
Dimension	9.254mm x 2.354mm
Number of Pads	2
Number of Primitives	7



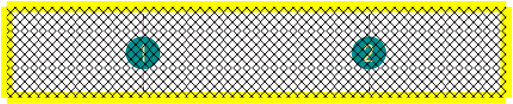
Library Reference	**FUSE_PPTC_UF250**
Description	
Height	0mm
Dimension	11.254mm x 2.354mm
Number of Pads	2
Number of Primitives	7



Library Reference	**FUSE_PPTC_UF300**
Description	
Height	0mm
Dimension	11.254mm x 2.354mm
Number of Pads	2
Number of Primitives	7

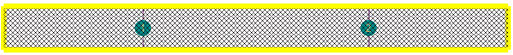


Library Reference	**FUSE_PPTC_UF400**
Description	
Height	0mm
Dimension	13.354mm x 2.354mm
Number of Pads	2
Number of Primitives	7

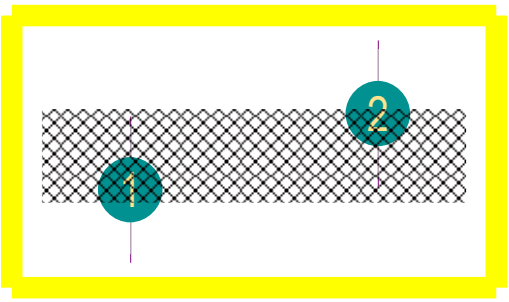


Library Reference	**FUSE_PPTC_UF500**
Description	
Height	0mm
Dimension	11.254mm x 2.354mm

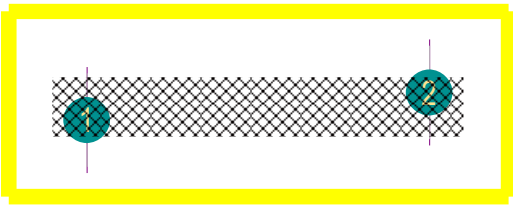
Number of Pads	2
Number of Primitives	7



Library Reference	**FUSE_PPTC_UF900**
Description	
Height	0mm
Dimension	23.729mm x 2.334mm
Number of Pads	2
Number of Primitives	7

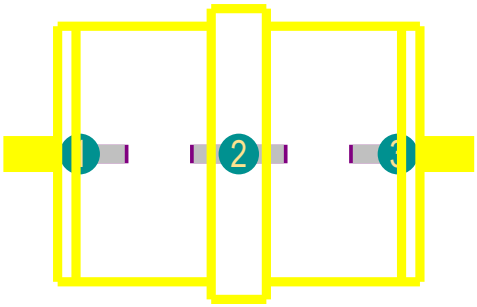


Library Reference	**FUSE_PPTC_XF0025**
Description	
Height	0mm
Dimension	5.969mm x 3.429mm
Number of Pads	2
Number of Primitives	7

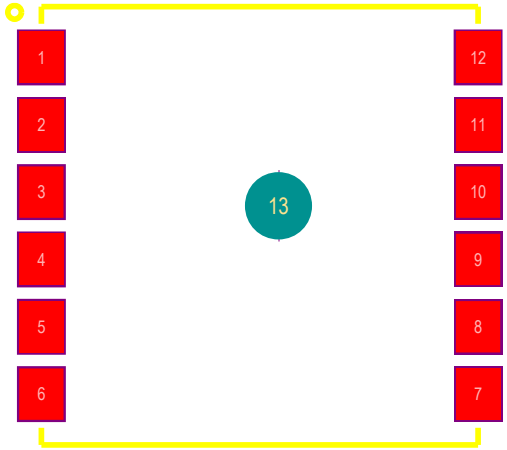


Library Reference	**FUSE_PPTC_XF0050**
Description	
Height	0mm
Dimension	8.417mm x 3.327mm
Number of Pads	2
Number of Primitives	7

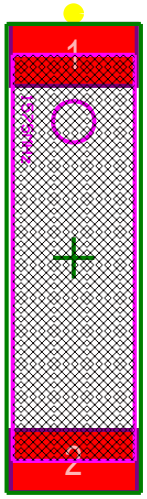
Library Reference	**FUSE_PPTC_XF160**
Description	
Height	0mm
Dimension	16.029mm x 4.929mm
Number of Pads	2
Number of Primitives	7



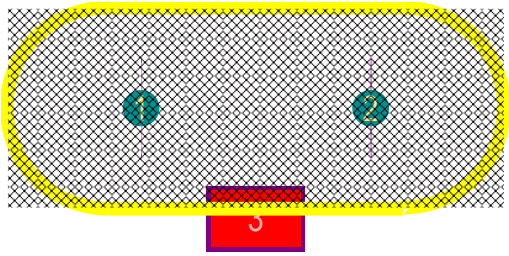
Library Reference	**GDT**
Description	3 Electrode Surge Arrester
Height	10.5mm
Dimension	14mm x 8.254mm
Number of Pads	3
Number of Primitives	17



Library Reference	**GMS-G9**
Description	GNSS Module
Height	7.2mm
Dimension	22.23mm x 19.8mm
Number of Pads	13
Number of Primitives	20

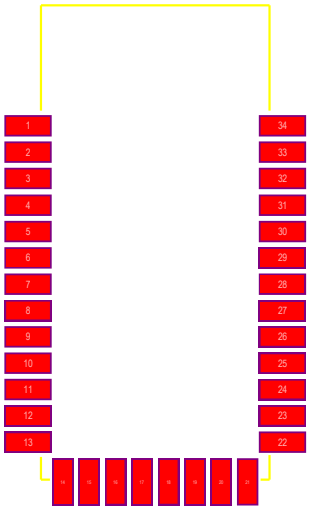


Library Reference	**GPS1003**
Description	GPS1003 1575MHz Multilayer Chip Antenna
Height	1.47mm
Dimension	3.402mm x 12.111mm
Number of Pads	2
Number of Primitives	16

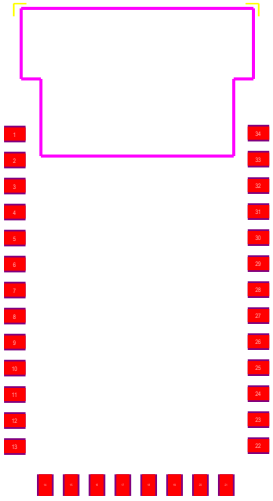


Library Reference	**HC-49/US**
Description	HC/49US (AT49) MICROPROCESSOR CRYSTAL
Height	3.5mm
Dimension	11.3mm x 5.637mm
Number of Pads	3

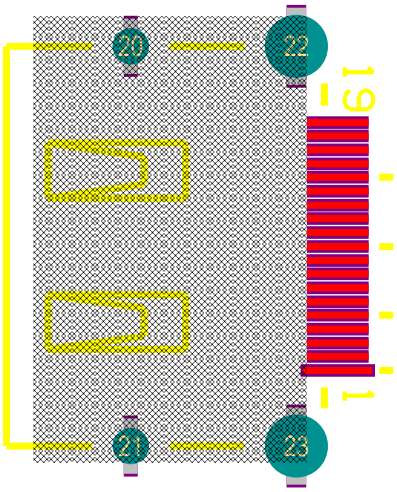
Number of Primitives	8



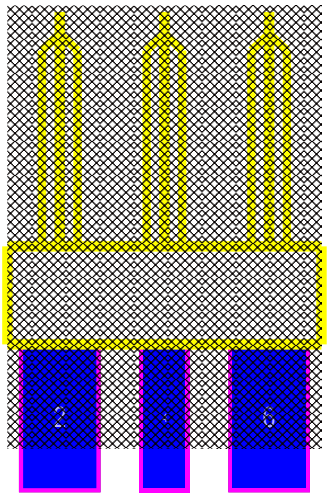
Library Reference	**HC_05**
Description	
Height	0mm
Dimension	17.203mm x 28.54mm
Number of Pads	34
Number of Primitives	41



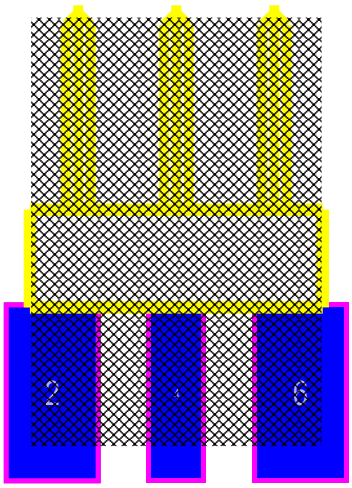
Library Reference	**HCXX-BLUETOOTH**
Description	HCXX-BLUETOOTH
Height	0mm
Dimension	16.323mm x 28.902mm
Number of Pads	34
Number of Primitives	46



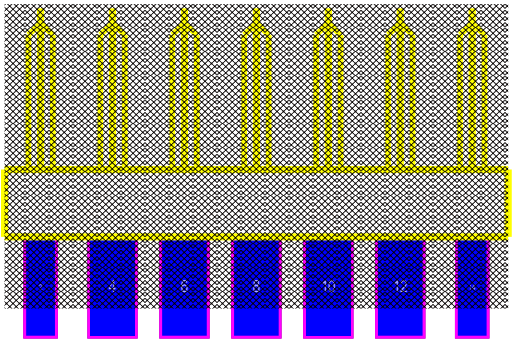
Library Reference	**HDMI**
Description	
Height	0mm
Dimension	14.262mm x 17.503mm
Number of Pads	23
Number of Primitives	51



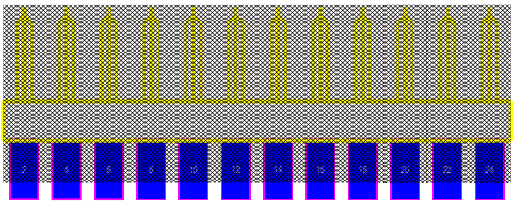
Library Reference	**HDR2X3MV**
Description	Connector; Header; 3x2 Position
Height	0mm
Dimension	7.874mm x 11.859mm
Number of Pads	6
Number of Primitives	31



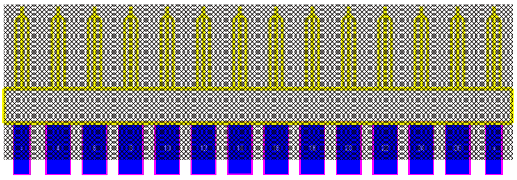
Library Reference	**HDR2X3MV_2mm**
Description	Connector; Header; 3x2 Position
Height	0mm
Dimension	7.061mm x 9.902mm
Number of Pads	6
Number of Primitives	27



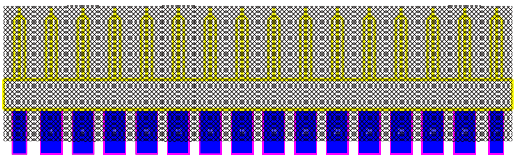
Library Reference	**HDR2X7MV**
Description	Connector; Header; 2x7 Position
Height	0mm
Dimension	18.034mm x 11.859mm
Number of Pads	14
Number of Primitives	67



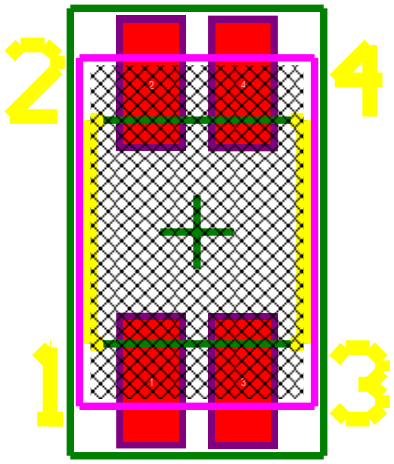
Library Reference	**HDR2X12MV**
Description	Connector; Header; 3x2 Position
Height	0mm
Dimension	30.734mm x 11.859mm
Number of Pads	24
Number of Primitives	112



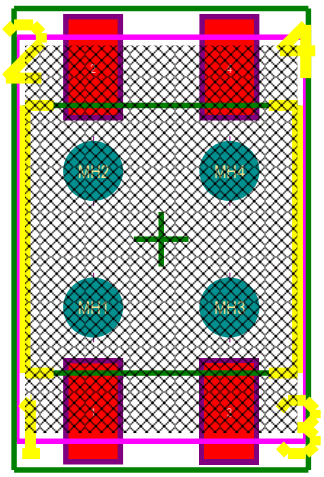
Library Reference	**HDR2X14MV**
Description	Connector; Header; 2x14 Position
Height	0mm
Dimension	35.814mm x 11.859mm
Number of Pads	28
Number of Primitives	130



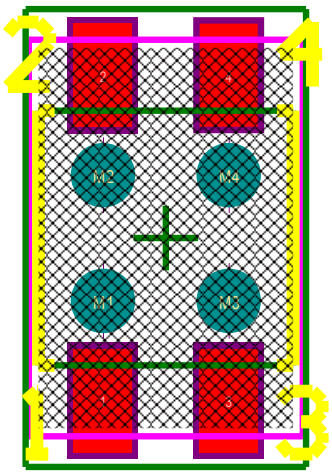
Library Reference	**HDR2X16MV**
Description	Connector; Header; 2x16 Position
Height	0mm
Dimension	40.894mm x 11.859mm
Number of Pads	32
Number of Primitives	148



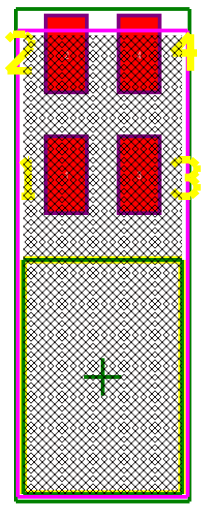
Library Reference	**HDR_SMD_2x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 4p
Height	4.7mm
Dimension	5.566mm x 6.3mm
Number of Pads	4
Number of Primitives	29



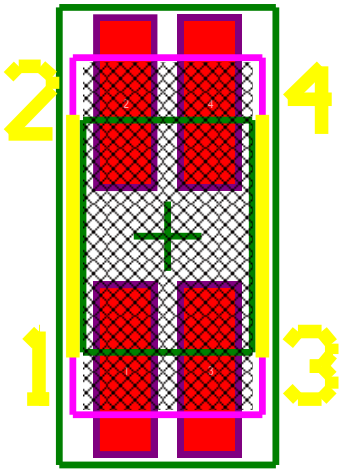
Library Reference	**HDR_SMD_2x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 4p
Height	3.7mm
Dimension	6.166mm x 8.7mm
Number of Pads	8
Number of Primitives	33



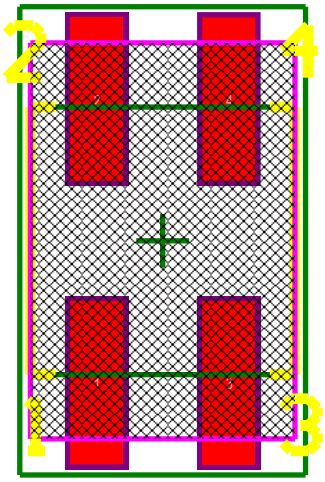
Library Reference	**HDR_SMD_2x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 4p
Height	2.35mm
Dimension	5.366mm x 7.3mm
Number of Pads	8
Number of Primitives	33



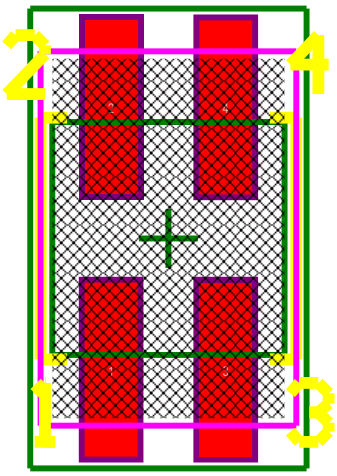
Library Reference	**HDR_SMD_2x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 4p
Height	4.15mm
Dimension	5.566mm x 13.45mm
Number of Pads	4
Number of Primitives	27



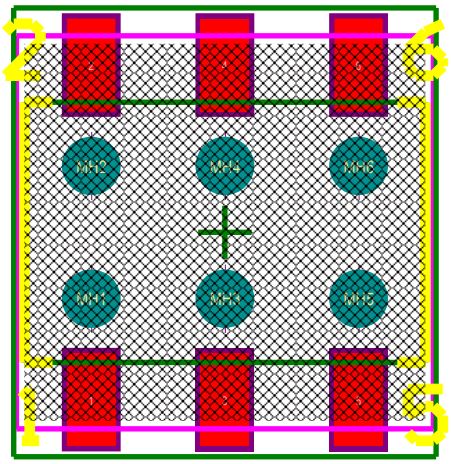
Library Reference	**HDR_SMD_2x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 4p
Height	6.55mm
Dimension	5.266mm x 6.8mm
Number of Pads	4
Number of Primitives	25



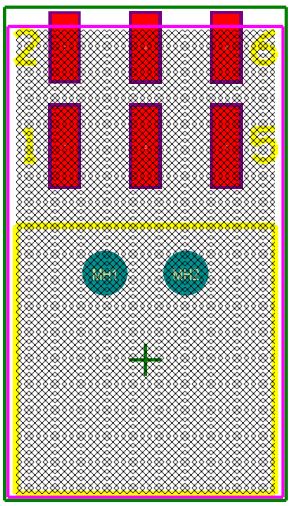
Library Reference	**HDR_SMD_2x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 4p
Height	9.6mm
Dimension	6.366mm x 9mm
Number of Pads	4
Number of Primitives	29



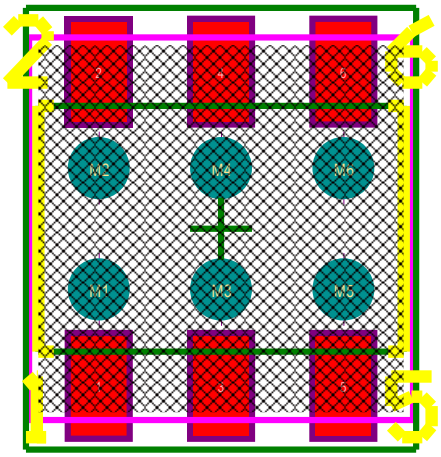
Library Reference	**HDR_SMD_2x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 4p
Height	6.8mm
Dimension	5.966mm x 8mm
Number of Pads	4
Number of Primitives	29



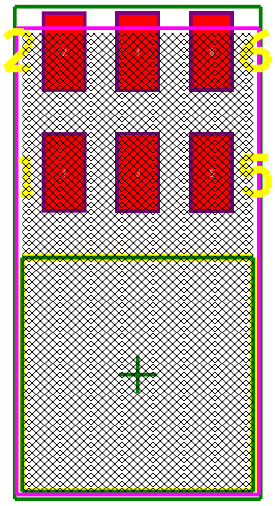
Library Reference	**HDR_SMD_3x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 6p
Height	3.7mm
Dimension	8.706mm x 8.7mm
Number of Pads	12
Number of Primitives	37



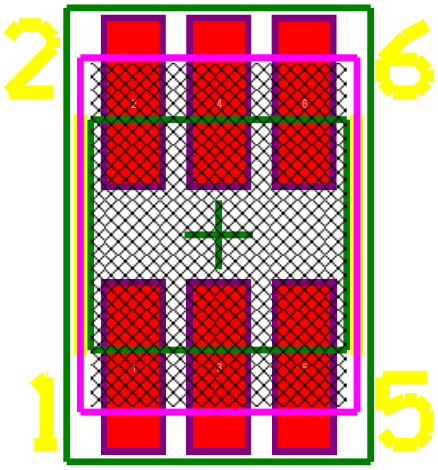
Library Reference	**HDR_SMD_3x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 6p
Height	5.2mm
Dimension	8.92mm x 15.69mm
Number of Pads	8
Number of Primitives	31



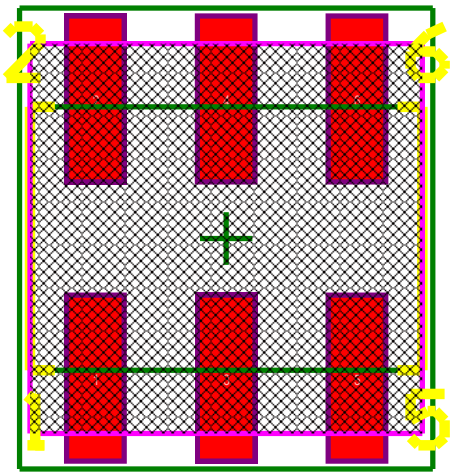
Library Reference	**HDR_SMD_3x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 6p
Height	2.35mm
Dimension	7.366mm x 7.3mm
Number of Pads	12
Number of Primitives	37



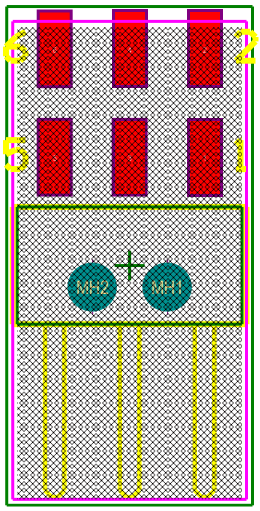
Library Reference	**HDR_SMD_3x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 6p
Height	4.15mm
Dimension	7.566mm x 13.45mm
Number of Pads	6
Number of Primitives	29



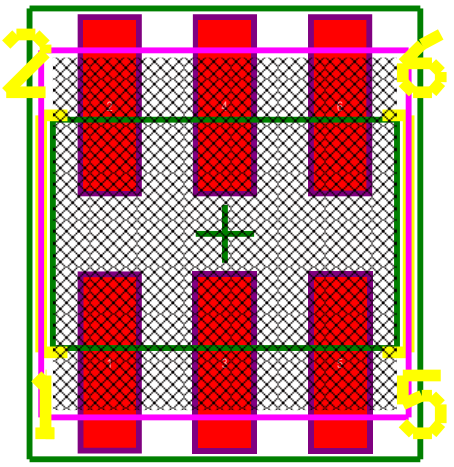
Library Reference	**HDR_SMD_3x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 6p
Height	6.1mm
Dimension	6.636mm x 6.8mm
Number of Pads	6
Number of Primitives	27



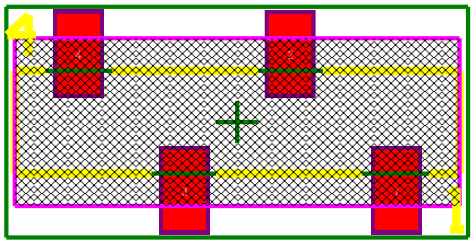
Library Reference	**HDR_SMD_3x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 6p
Height	9.6mm
Dimension	8.906mm x 9mm
Number of Pads	6
Number of Primitives	31



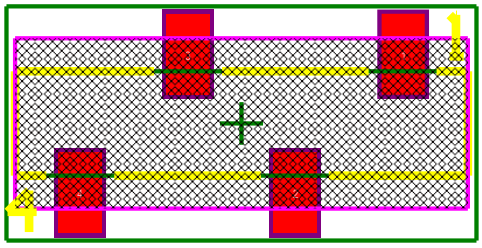
Library Reference	**HDR_SMD_3x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 6p
Height	5.08mm
Dimension	8.866mm x 17.17mm
Number of Pads	8
Number of Primitives	58



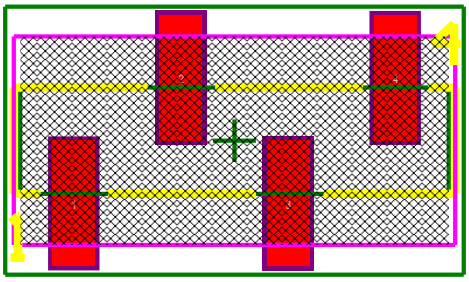
Library Reference	**HDR_SMD_3x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 6p
Height	6.8mm
Dimension	7.966mm x 8mm
Number of Pads	6
Number of Primitives	31



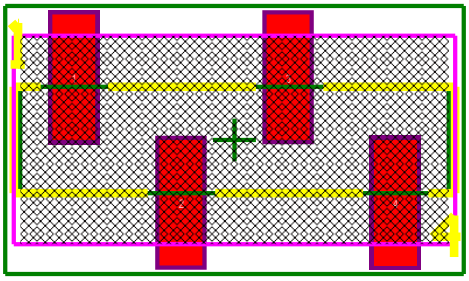
Library Reference	**HDR_SMD_4F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 4p
Height	7.5mm
Dimension	11.333mm x 5.7mm
Number of Pads	4
Number of Primitives	29



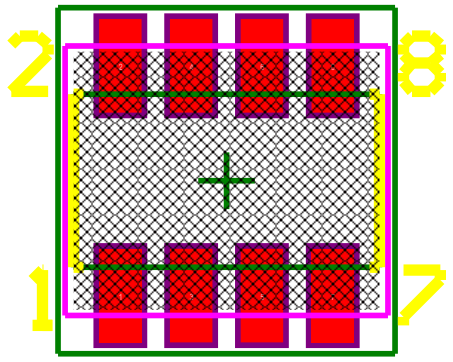
Library Reference	**HDR_SMD_4F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 4p
Height	7.5mm
Dimension	11.28mm x 5.7mm
Number of Pads	4
Number of Primitives	29



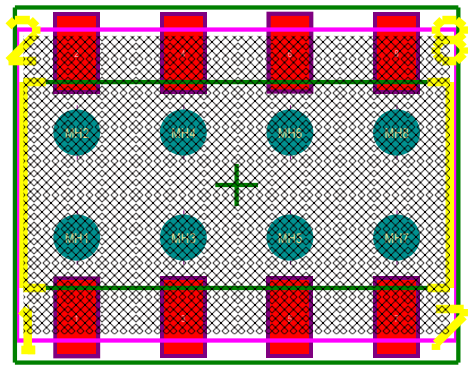
Library Reference	**HDR_SMD_4M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 4p
Height	9.3mm
Dimension	11.066mm x 6.5mm
Number of Pads	4
Number of Primitives	29



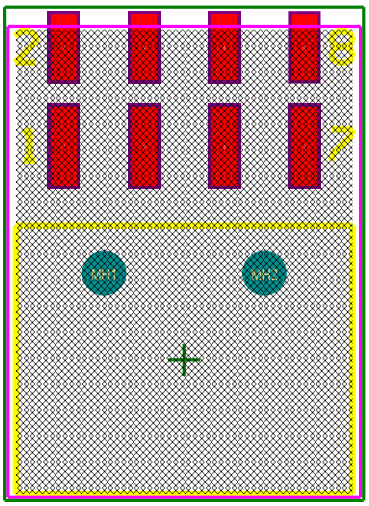
Library Reference	**HDR_SMD_4M_2.54mm_**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 4p
Height	9.3mm
Dimension	11.066mm x 6.5mm
Number of Pads	4
Number of Primitives	29



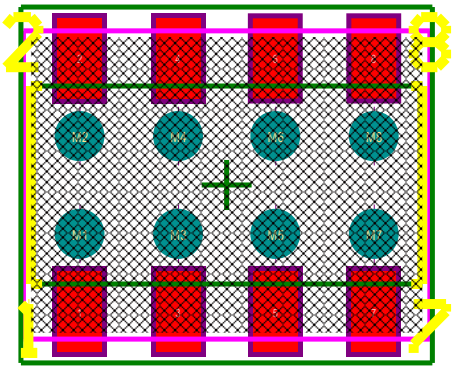
Library Reference	**HDR_SMD_4x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 8p
Height	4.7mm
Dimension	8.106mm x 6.3mm
Number of Pads	8
Number of Primitives	33



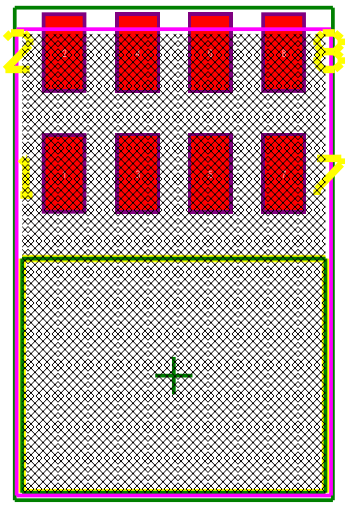
Library Reference	**HDR_SMD_4x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 8p
Height	3.7mm
Dimension	11.246mm x 8.7mm
Number of Pads	16
Number of Primitives	41



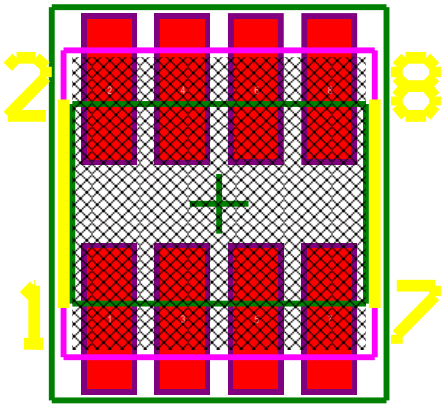
Library Reference	**HDR_SMD_4x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 8p
Height	5.2mm
Dimension	11.46mm x 15.69mm
Number of Pads	10
Number of Primitives	33



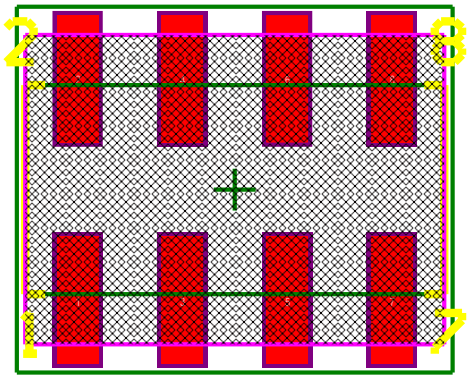
Library Reference	**HDR_SMD_4x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 8p
Height	2.35mm
Dimension	9.366mm x 7.3mm
Number of Pads	16
Number of Primitives	41



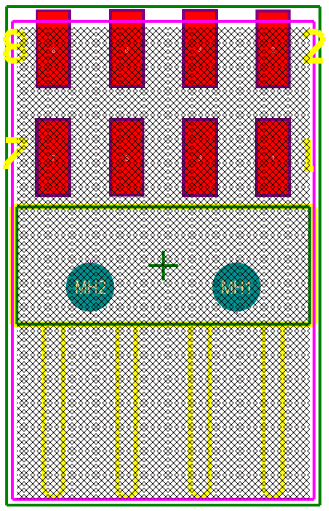
Library Reference	**HDR_SMD_4x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 8p
Height	4.15mm
Dimension	9.566mm x 13.45mm
Number of Pads	8
Number of Primitives	31



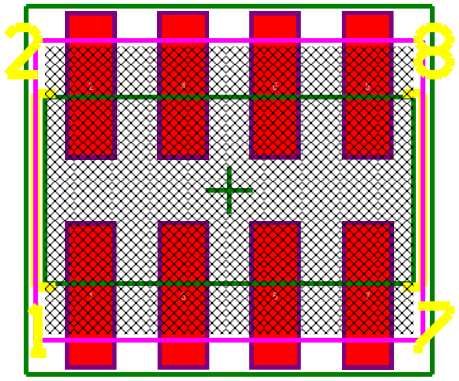
Library Reference	**HDR_SMD_4x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 8p
Height	6.55mm
Dimension	7.806mm x 6.8mm
Number of Pads	8
Number of Primitives	29



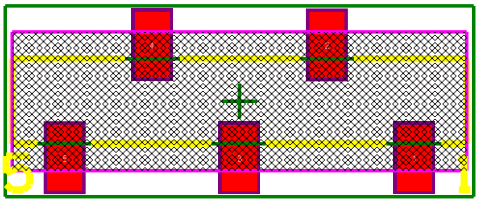
Library Reference	**HDR_SMD_4x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 8p
Height	9.6mm
Dimension	11.446mm x 9mm
Number of Pads	8
Number of Primitives	33



Library Reference	**HDR_SMD_4x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 8p
Height	5.08mm
Dimension	11.406mm x 17.17mm
Number of Pads	10
Number of Primitives	69

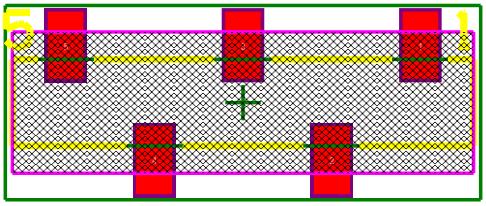


Library Reference	**HDR_SMD_4x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 8p
Height	6.8mm
Dimension	9.966mm x 8mm
Number of Pads	8
Number of Primitives	33

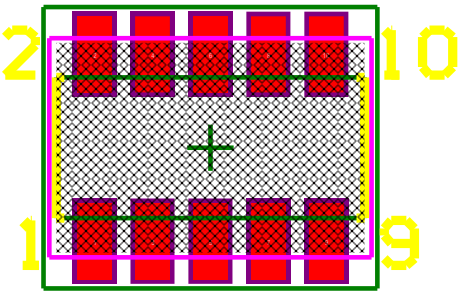


Library Reference	**HDR_SMD_5F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 5p
Height	7.5mm
Dimension	13.873mm x 5.7mm

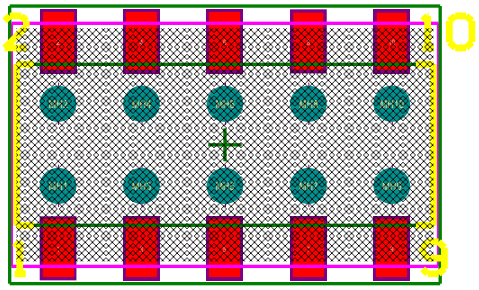
Number of Pads	5
Number of Primitives	31



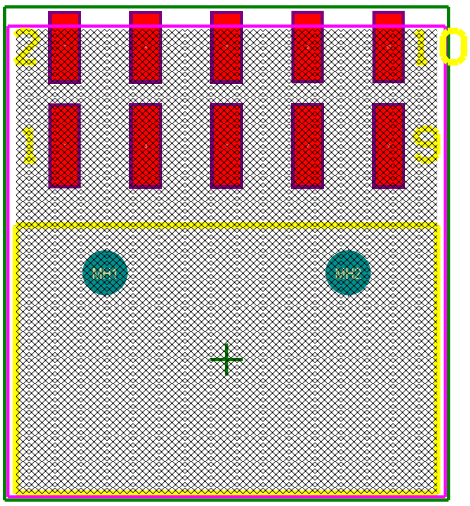
Library Reference	**HDR_SMD_5F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 5p
Height	7.5mm
Dimension	13.82mm x 5.7mm
Number of Pads	5
Number of Primitives	31



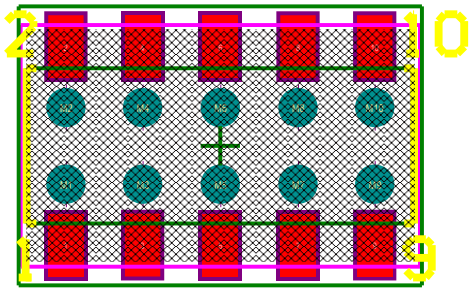
Library Reference	**HDR_SMD_5x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 10p
Height	4.7mm
Dimension	10.21mm x 6.3mm
Number of Pads	10
Number of Primitives	35



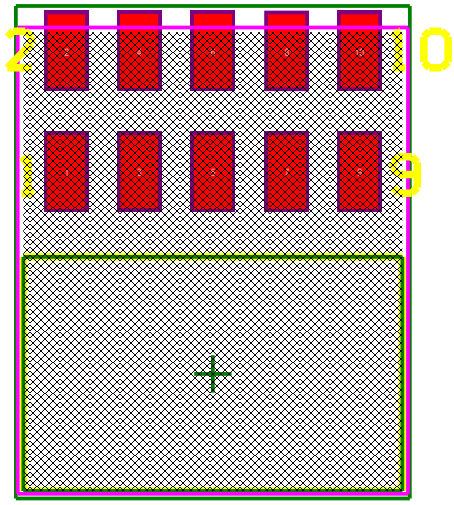
Library Reference	**HDR_SMD_5x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 10p
Height	3.7mm
Dimension	14.62mm x 8.7mm
Number of Pads	20
Number of Primitives	45



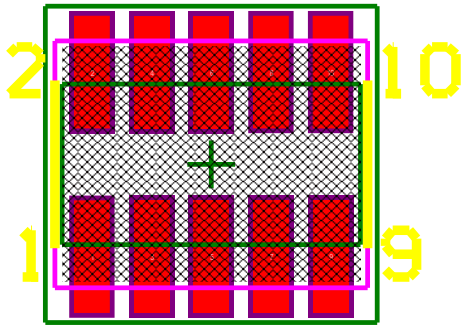
Library Reference	**HDR_SMD_5x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 10p
Height	5.2mm
Dimension	14.64mm x 15.69mm
Number of Pads	12
Number of Primitives	35



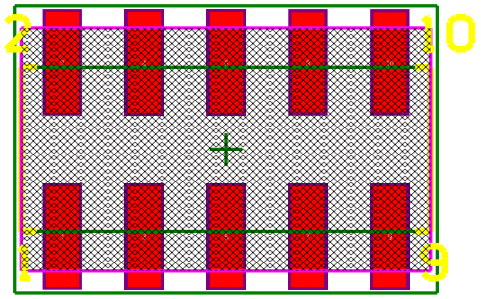
Library Reference	**HDR_SMD_5x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 10p
Height	2.35mm
Dimension	12.2mm x 7.3mm
Number of Pads	20
Number of Primitives	45



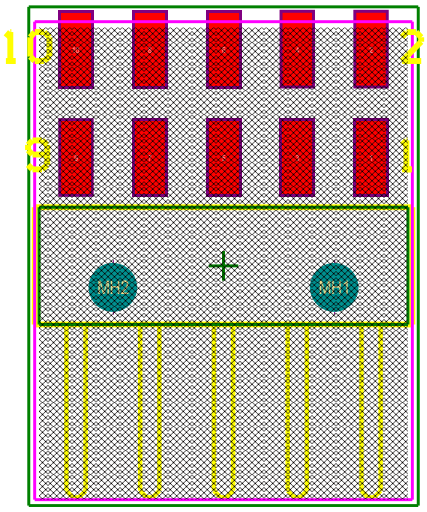
Library Reference	**HDR_SMD_5x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 10p
Height	4.15mm
Dimension	12.4mm x 13.45mm
Number of Pads	10
Number of Primitives	33



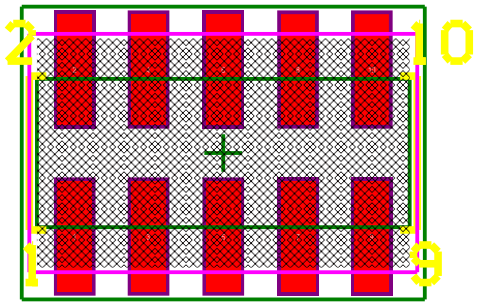
Library Reference	**HDR_SMD_5x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 10p
Height	6.55mm
Dimension	9.91mm x 6.8mm
Number of Pads	10
Number of Primitives	31



Library Reference	**HDR_SMD_5x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 10p
Height	9.6mm
Dimension	14.82mm x 9mm
Number of Pads	10
Number of Primitives	35

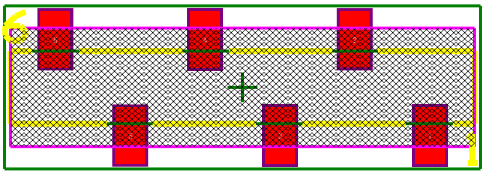


Library Reference	**HDR_SMD_5x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 10p
Height	5.08mm
Dimension	14.706mm x 17.17mm
Number of Pads	12
Number of Primitives	80

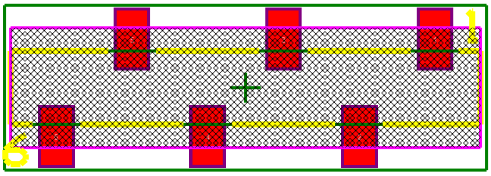


Library Reference	**HDR_SMD_5x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 10p
Height	6.8mm
Dimension	12.8mm x 8mm
Number of Pads	10

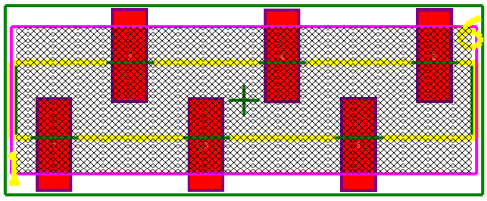
Number of Primitives	35



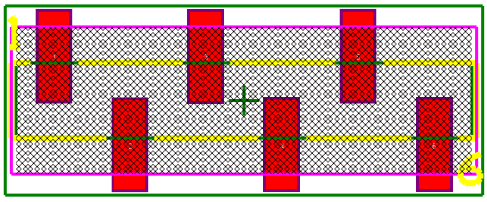
Library Reference	**HDR_SMD_6F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 6p
Height	7.5mm
Dimension	16.413mm x 5.7mm
Number of Pads	6
Number of Primitives	33



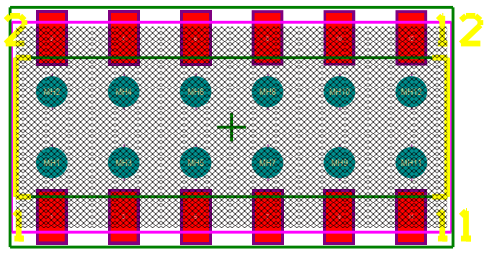
Library Reference	**HDR_SMD_6F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 6p
Height	7.5mm
Dimension	16.36mm x 5.7mm
Number of Pads	6
Number of Primitives	33



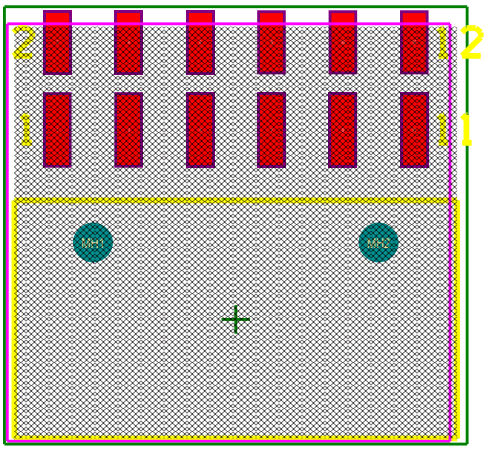
Library Reference	**HDR_SMD_6M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 6p
Height	9.3mm
Dimension	16.146mm x 6.5mm
Number of Pads	6
Number of Primitives	33



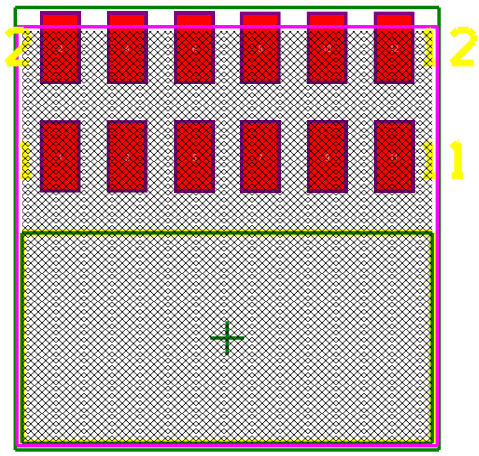
Library Reference	**HDR_SMD_6M_2.54mm_**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 6p
Height	9.3mm
Dimension	16.146mm x 6.5mm
Number of Pads	6
Number of Primitives	33



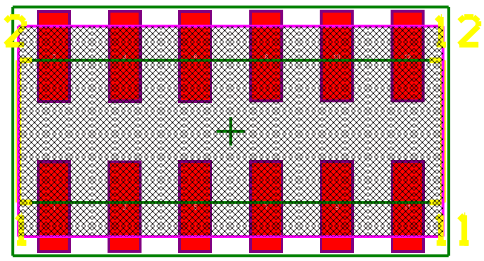
Library Reference	**HDR_SMD_6x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 12p
Height	3.7mm
Dimension	17.16mm x 8.7mm
Number of Pads	24
Number of Primitives	49



Library Reference	**HDR_SMD_6x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 12p
Height	5.2mm
Dimension	17.18mm x 15.69mm
Number of Pads	14
Number of Primitives	37

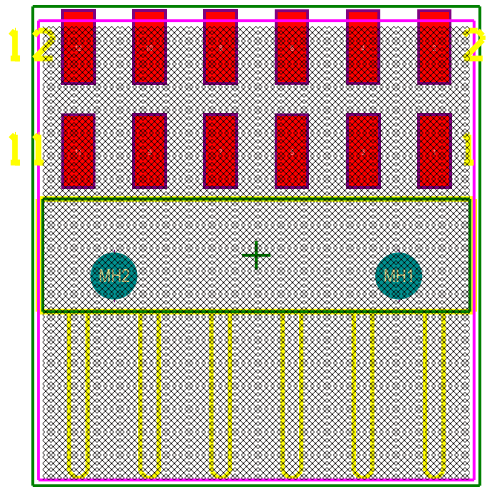


Library Reference	**HDR_SMD_6x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 12p
Height	4.15mm
Dimension	14.4mm x 13.45mm
Number of Pads	12
Number of Primitives	35

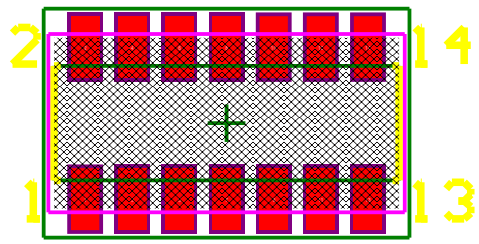


Library Reference	**HDR_SMD_6x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 12p
Height	9.6mm
Dimension	17.36mm x 9mm
Number of Pads	12

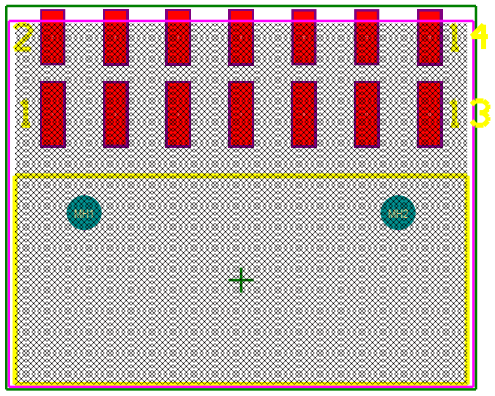
Number of Primitives	37



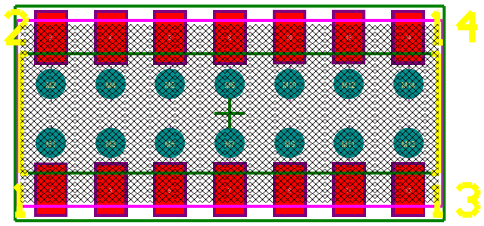
Library Reference	**HDR_SMD_6x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 12p
Height	5.08mm
Dimension	17.246mm x 17.17mm
Number of Pads	14
Number of Primitives	91



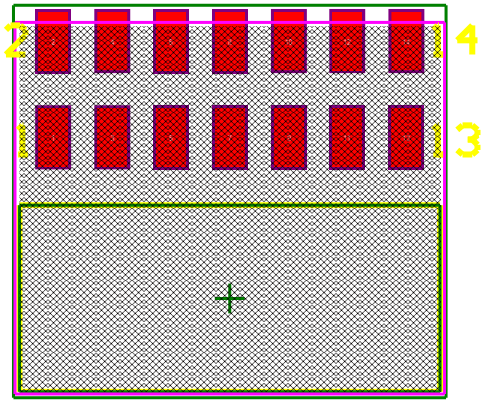
Library Reference	**HDR_SMD_7X2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 14p
Height	4.7mm
Dimension	12.75mm x 6.3mm
Number of Pads	14
Number of Primitives	39



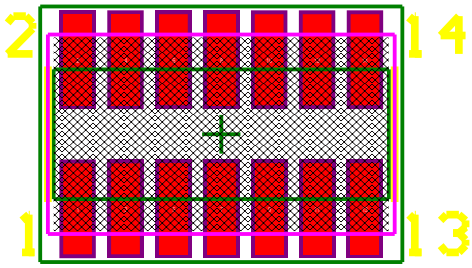
Library Reference	**HDR_SMD_7x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 14p
Height	5.2mm
Dimension	19.72mm x 15.69mm
Number of Pads	16
Number of Primitives	39



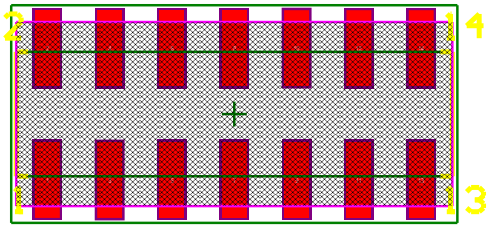
Library Reference	**HDR_SMD_7x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 14p
Height	2.35mm
Dimension	16.2mm x 7.3mm
Number of Pads	28
Number of Primitives	53



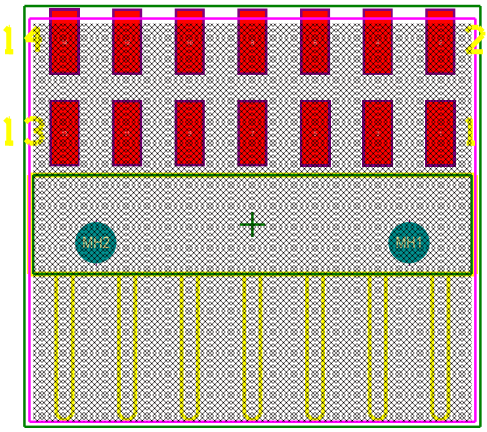
Library Reference	**HDR_SMD_7X2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 14p
Height	4.15mm
Dimension	16.4mm x 13.45mm
Number of Pads	14
Number of Primitives	37



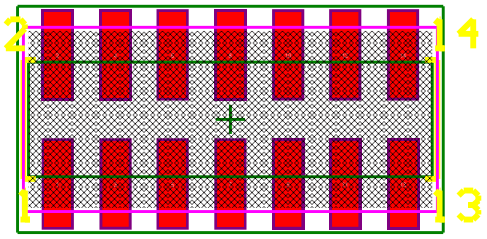
Library Reference	**HDR_SMD_7x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 14p
Height	6.1mm
Dimension	12.55mm x 6.8mm
Number of Pads	14
Number of Primitives	35



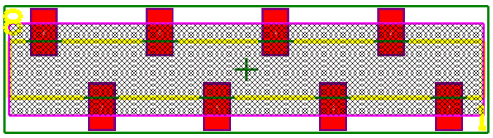
Library Reference	**HDR_SMD_7x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 14p
Height	9.6mm
Dimension	19.9mm x 9mm
Number of Pads	14
Number of Primitives	39



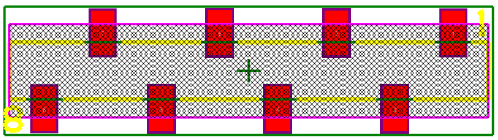
Library Reference	**HDR_SMD_7x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 14p
Height	5.08mm
Dimension	19.786mm x 17.17mm
Number of Pads	16
Number of Primitives	102



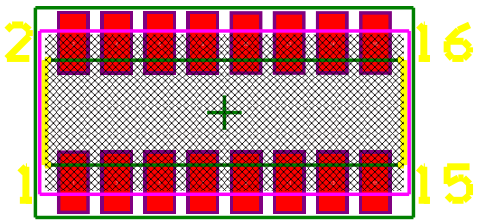
Library Reference	**HDR_SMD_7x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 14p
Height	6.8mm
Dimension	16.8mm x 8mm
Number of Pads	14
Number of Primitives	39



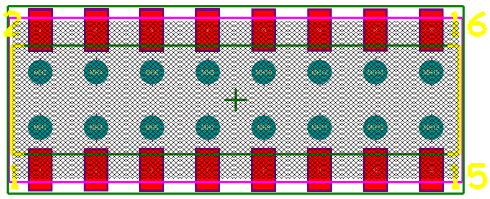
Library Reference	**HDR_SMD_8F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 8p
Height	7.5mm
Dimension	21.493mm x 5.7mm
Number of Pads	8
Number of Primitives	37



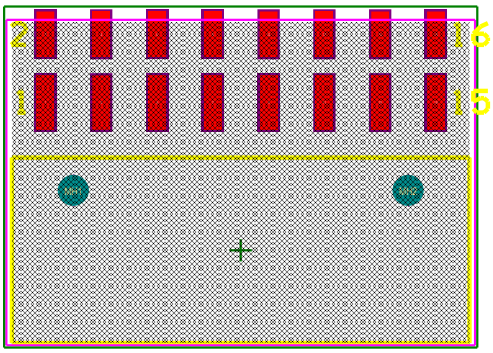
Library Reference	**HDR_SMD_8F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 8p
Height	7.5mm
Dimension	21.44mm x 5.7mm
Number of Pads	8
Number of Primitives	37



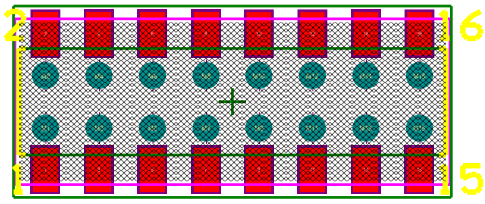
Library Reference	**HDR_SMD_8x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 16p
Height	4.7mm
Dimension	14.02mm x 6.3mm
Number of Pads	16
Number of Primitives	41



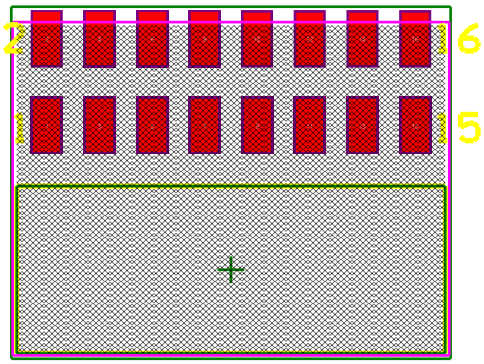
Library Reference	**HDR_SMD_8x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 16p
Height	3.7mm
Dimension	22.24mm x 8.7mm
Number of Pads	32
Number of Primitives	57



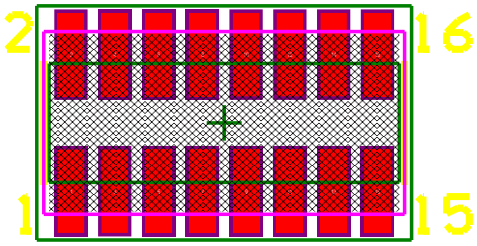
Library Reference	**HDR_SMD_8x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 16p
Height	5.2mm
Dimension	22.26mm x 15.69mm
Number of Pads	18
Number of Primitives	41



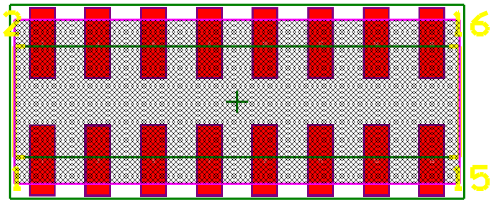
Library Reference	**HDR_SMD_8x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 16p
Height	2.35mm
Dimension	18.2mm x 7.3mm
Number of Pads	32
Number of Primitives	57



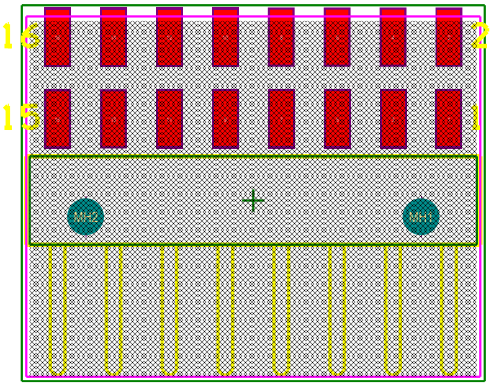
Library Reference	**HDR_SMD_8x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 16p
Height	4.15mm
Dimension	18.4mm x 13.45mm
Number of Pads	16
Number of Primitives	39



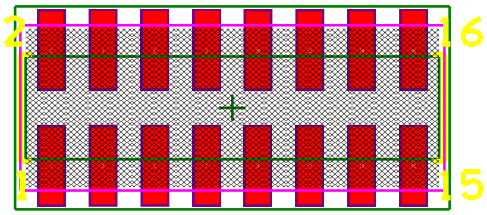
Library Reference	**HDR_SMD_8x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 16p
Height	6.1mm
Dimension	13.82mm x 6.8mm
Number of Pads	16
Number of Primitives	37



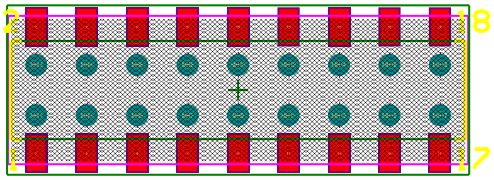
Library Reference	**HDR_SMD_8x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 16p
Height	9.6mm
Dimension	22.44mm x 9mm
Number of Pads	16
Number of Primitives	41



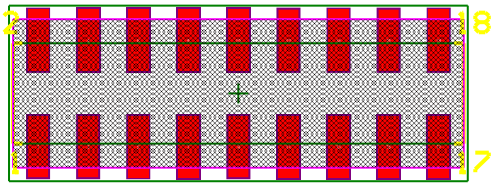
Library Reference	**HDR_SMD_8x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 16p
Height	5.08mm
Dimension	22.326mm x 17.17mm
Number of Pads	18
Number of Primitives	113



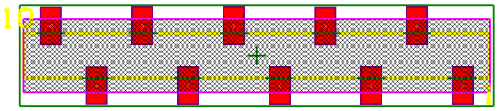
Library Reference	**HDR_SMD_8x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 16p
Height	6.8mm
Dimension	18.8mm x 8mm
Number of Pads	16
Number of Primitives	41



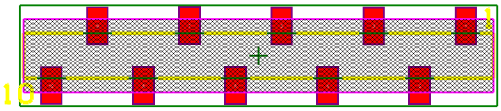
Library Reference	**HDR_SMD_9x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 18p
Height	3.7mm
Dimension	24.78mm x 8.7mm
Number of Pads	36
Number of Primitives	61



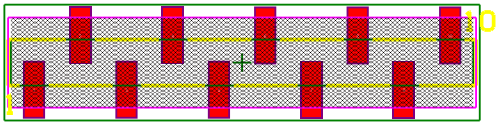
Library Reference	**HDR_SMD_9x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 18p
Height	9.6mm
Dimension	24.98mm x 9mm
Number of Pads	18
Number of Primitives	43



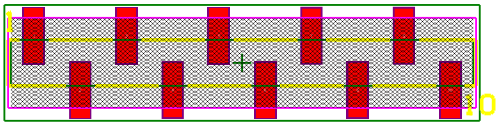
Library Reference	**HDR_SMD_10F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 10p
Height	7.5mm
Dimension	27.453mm x 5.7mm
Number of Pads	10
Number of Primitives	41



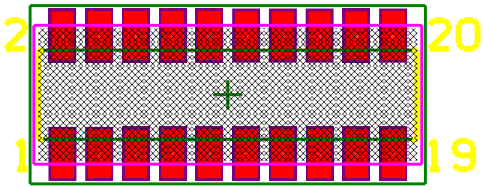
Library Reference	**HDR_SMD_10F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 10p
Height	7.5mm
Dimension	27.4mm x 5.7mm
Number of Pads	10
Number of Primitives	41



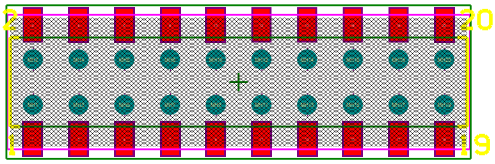
Library Reference	**HDR_SMD_10M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 10p
Height	9.3mm
Dimension	27.14mm x 6.5mm
Number of Pads	10
Number of Primitives	41



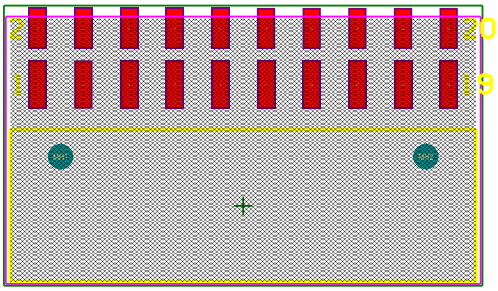
Library Reference	**HDR_SMD_10M_2.54mm_**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 10p
Height	9.3mm
Dimension	27.14mm x 6.5mm
Number of Pads	10
Number of Primitives	41



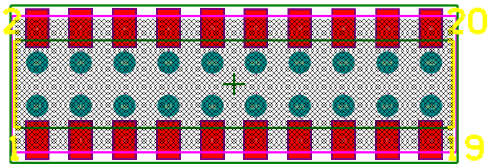
Library Reference	**HDR_SMD_10x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 20p
Height	4.7mm
Dimension	16.726mm x 6.3mm
Number of Pads	20
Number of Primitives	45



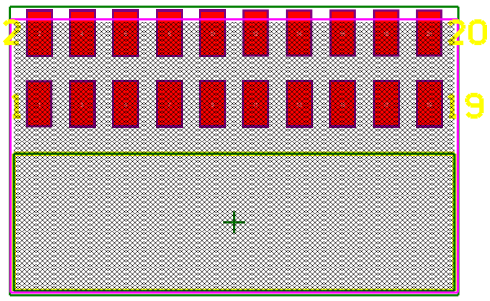
Library Reference	**HDR_SMD_10x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 20p
Height	3.7mm
Dimension	27.486mm x 8.7mm
Number of Pads	40
Number of Primitives	65



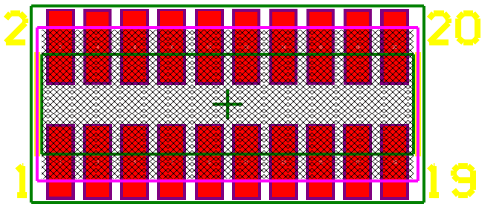
Library Reference	**HDR_SMD_10x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 20p
Height	5.2mm
Dimension	27.506mm x 15.69mm
Number of Pads	22
Number of Primitives	45



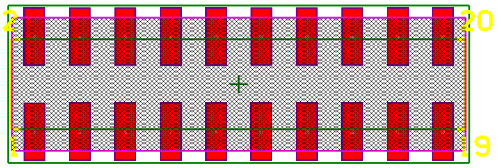
Library Reference	**HDR_SMD_10x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 20p
Height	2.35mm
Dimension	22.366mm x 7.3mm
Number of Pads	40
Number of Primitives	65



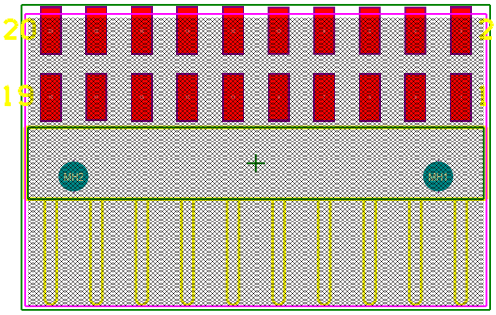
Library Reference	**HDR_SMD_10x2F_2mm_RA**
Description	Socket Header, Pitch 2.00 mm, SMT, Angled, dual row, 20p
Height	4.15mm
Dimension	22.566mm x 13.45mm
Number of Pads	20
Number of Primitives	43



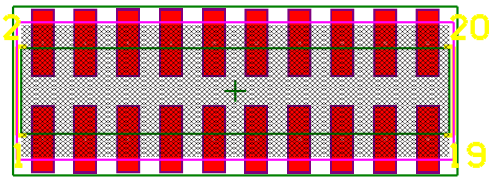
Library Reference	**HDR_SMD_10x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 20p
Height	6.1mm
Dimension	16.526mm x 6.8mm
Number of Pads	20
Number of Primitives	41



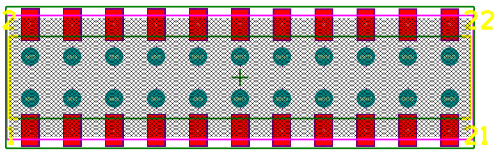
Library Reference	**HDR_SMD_10x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 20p
Height	9.6mm
Dimension	27.686mm x 9mm
Number of Pads	20
Number of Primitives	45



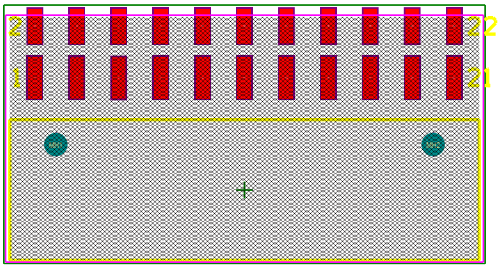
Library Reference	**HDR_SMD_10x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 20p
Height	5.08mm
Dimension	27.556mm x 17.17mm
Number of Pads	22
Number of Primitives	135



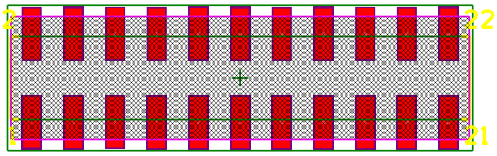
Library Reference	**HDR_SMD_10x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 20p
Height	6.8mm
Dimension	22.966mm x 8mm
Number of Pads	20
Number of Primitives	45



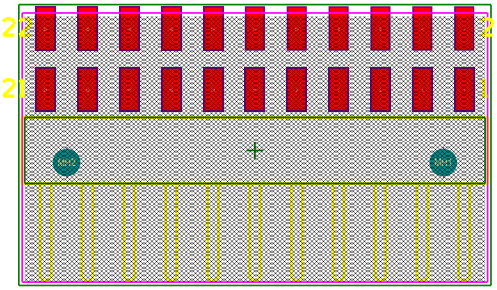
Library Reference	**HDR_SMD_11x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 22p
Height	3.7mm
Dimension	30.026mm x 8.7mm
Number of Pads	44
Number of Primitives	69



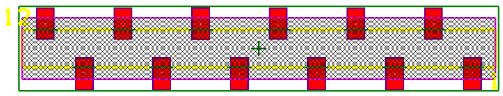
Library Reference	**HDR_SMD_11x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 22p
Height	5.2mm
Dimension	30.046mm x 15.69mm
Number of Pads	24
Number of Primitives	47



Library Reference	**HDR_SMD_11x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 22p
Height	9.6mm
Dimension	30.226mm x 9mm
Number of Pads	22
Number of Primitives	47

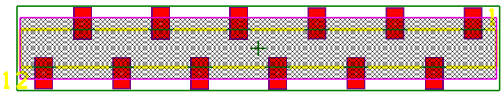


Library Reference	**HDR_SMD_11x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 22p
Height	5.08mm
Dimension	30.096mm x 17.17mm
Number of Pads	24
Number of Primitives	146

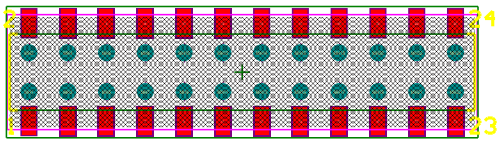


Library Reference	**HDR_SMD_12F_2.54mm**

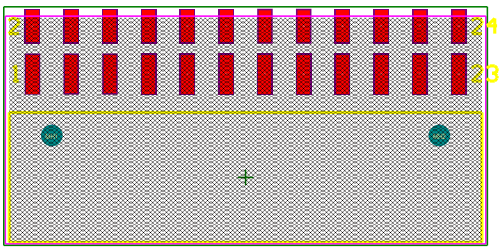
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 12p
Height	7.5mm
Dimension	32.533mm x 5.7mm
Number of Pads	12
Number of Primitives	45



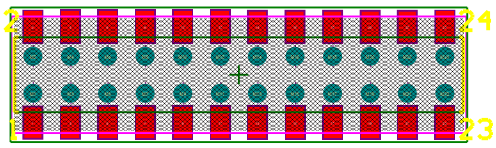
Library Reference	**HDR_SMD_12F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 12p
Height	7.5mm
Dimension	32.48mm x 5.7mm
Number of Pads	12
Number of Primitives	45



Library Reference	**HDR_SMD_12x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 24p
Height	3.7mm
Dimension	32.566mm x 8.7mm
Number of Pads	48
Number of Primitives	73

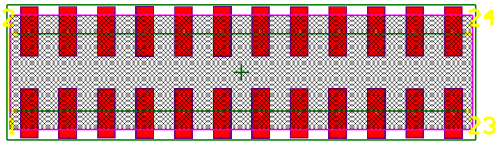


Library Reference	**HDR_SMD_12x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 24p
Height	5.2mm
Dimension	32.586mm x 15.69mm
Number of Pads	26
Number of Primitives	49

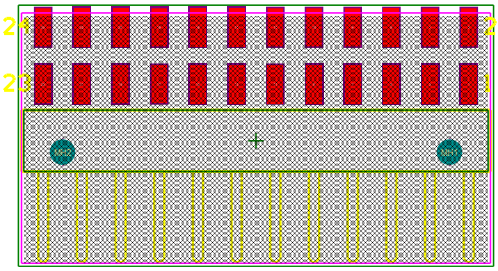


Library Reference	**HDR_SMD_12x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 24p

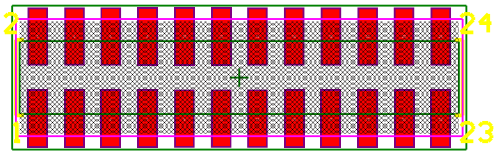
Height	2.35mm
Dimension	26.366mm x 7.3mm
Number of Pads	48
Number of Primitives	73



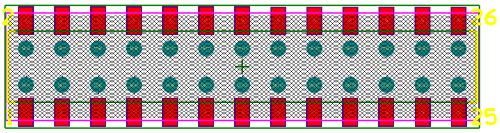
Library Reference	**HDR_SMD_12x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 24p
Height	9.6mm
Dimension	32.766mm x 9mm
Number of Pads	24
Number of Primitives	49



Library Reference	**HDR_SMD_12x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 24p
Height	5.08mm
Dimension	32.636mm x 17.17mm
Number of Pads	26
Number of Primitives	157

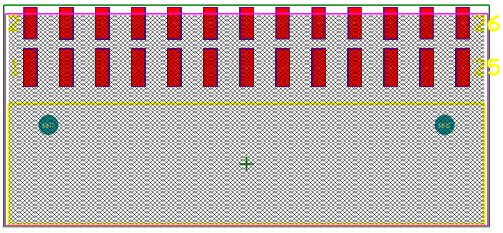


Library Reference	**HDR_SMD_12x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 24p
Height	6.8mm
Dimension	26.966mm x 8mm
Number of Pads	24
Number of Primitives	49

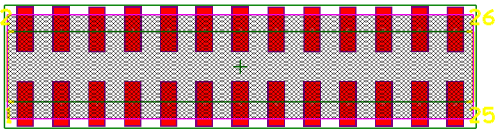


Library Reference	**HDR_SMD_13x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 26p
Height	3.7mm
Dimension	35.106mm x 8.7mm

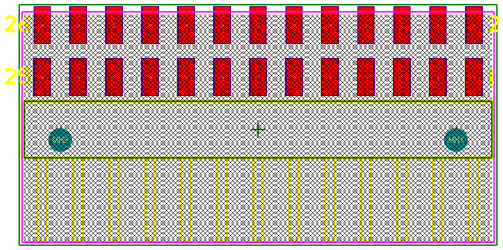
Number of Pads	52
Number of Primitives	77



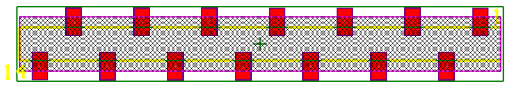
Library Reference	**HDR_SMD_13x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, SMT, Angled, dual row, 26p
Height	5.2mm
Dimension	35.126mm x 15.69mm
Number of Pads	28
Number of Primitives	51



Library Reference	**HDR_SMD_13x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 26p
Height	9.6mm
Dimension	35.306mm x 9mm
Number of Pads	26
Number of Primitives	51

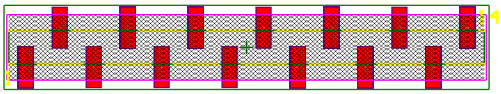


Library Reference	**HDR_SMD_13x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, SMD, Angled, dual row, 26p
Height	5.08mm
Dimension	35.176mm x 17.17mm
Number of Pads	28
Number of Primitives	168

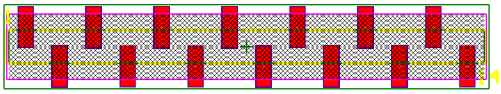


Library Reference	**HDR_SMD_14F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 14p
Height	7.5mm
Dimension	37.56mm x 5.7mm
Number of Pads	14

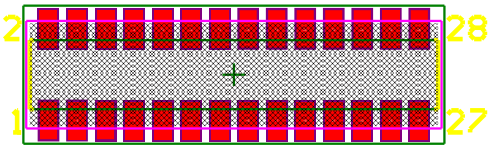
Number of Primitives	49



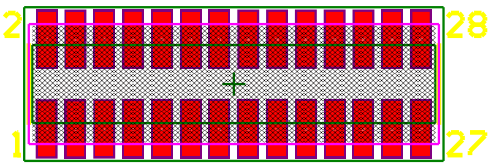
Library Reference	**HDR_SMD_14M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 14p
Height	9.3mm
Dimension	37.3mm x 6.5mm
Number of Pads	14
Number of Primitives	49



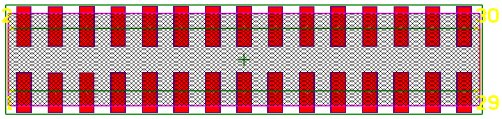
Library Reference	**HDR_SMD_14M_2.54mm_**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 14p
Height	9.3mm
Dimension	37.3mm x 6.5mm
Number of Pads	14
Number of Primitives	49



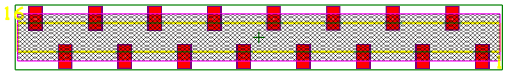
Library Reference	**HDR_SMD_14x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, SMT, Vertical, dual row, 28p
Height	4.7mm
Dimension	21.806mm x 6.3mm
Number of Pads	28
Number of Primitives	53



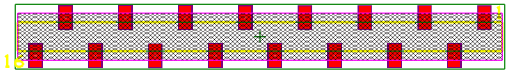
Library Reference	**HDR_SMD_14x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 28p
Height	6.1mm
Dimension	21.606mm x 6.8mm
Number of Pads	28
Number of Primitives	49



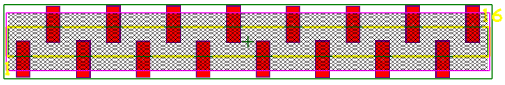
Library Reference	**HDR_SMD_15x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 30p
Height	9.6mm
Dimension	40.386mm x 9mm
Number of Pads	30
Number of Primitives	55



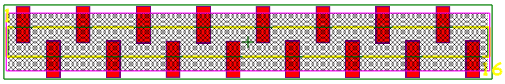
Library Reference	**HDR_SMD_16F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 16p
Height	7.5mm
Dimension	42.693mm x 5.7mm
Number of Pads	16
Number of Primitives	53



Library Reference	**HDR_SMD_16F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 16p
Height	7.5mm
Dimension	42.64mm x 5.7mm
Number of Pads	16
Number of Primitives	53

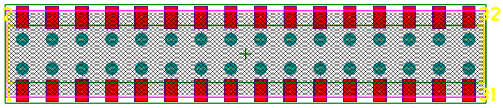


Library Reference	**HDR_SMD_16M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 16p
Height	9.3mm
Dimension	42.38mm x 6.5mm
Number of Pads	16
Number of Primitives	53

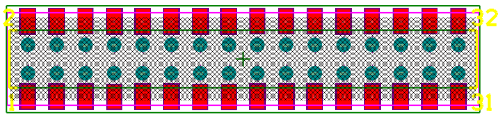


Library Reference	**HDR_SMD_16M_2.54mm_**

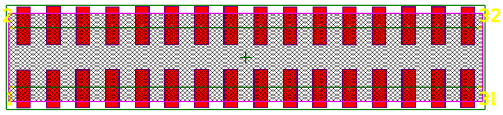
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 16p
Height	9.3mm
Dimension	42.38mm x 6.5mm
Number of Pads	16
Number of Primitives	53



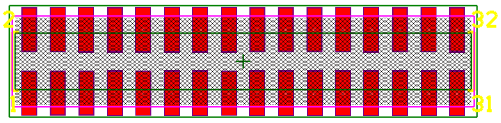
Library Reference	**HDR_SMD_16x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 32p
Height	3.7mm
Dimension	42.726mm x 8.7mm
Number of Pads	64
Number of Primitives	89



Library Reference	**HDR_SMD_16x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 32p
Height	4.85mm
Dimension	34.766mm x 7.542mm
Number of Pads	64
Number of Primitives	89

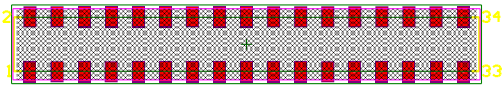


Library Reference	**HDR_SMD_16x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 32p
Height	9.6mm
Dimension	42.926mm x 9mm
Number of Pads	32
Number of Primitives	57

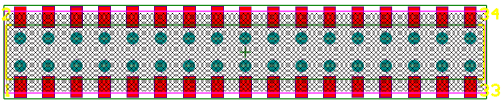


Library Reference	**HDR_SMD_16x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 32p

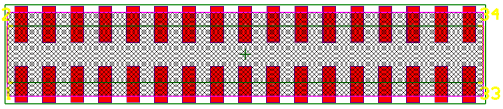
Height	6.8mm
Dimension	34.966mm x 8mm
Number of Pads	32
Number of Primitives	57



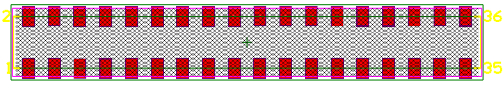
Library Reference	**HDR_SMD_17x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 34p
Height	7.45mm
Dimension	47.066mm x 7.5mm
Number of Pads	34
Number of Primitives	59



Library Reference	**HDR_SMD_17x2F_2.54mm_tiny**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 34p
Height	3.7mm
Dimension	45.266mm x 8.7mm
Number of Pads	68
Number of Primitives	93

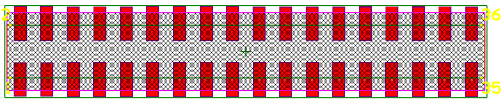


Library Reference	**HDR_SMD_17x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 34p
Height	9.6mm
Dimension	45.466mm x 9mm
Number of Pads	34
Number of Primitives	59

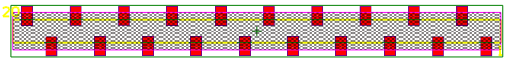


Library Reference	**HDR_SMD_18x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 36p
Height	7.45mm
Dimension	49.606mm x 7.5mm

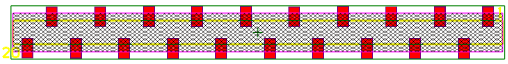
Number of Pads	36
Number of Primitives	61



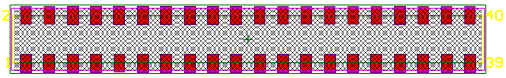
Library Reference	**HDR_SMD_18x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, dual row, 36p
Height	9.6mm
Dimension	48.006mm x 9mm
Number of Pads	36
Number of Primitives	61



Library Reference	**HDR_SMD_20F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 20p
Height	7.5mm
Dimension	52.853mm x 5.7mm
Number of Pads	20
Number of Primitives	61

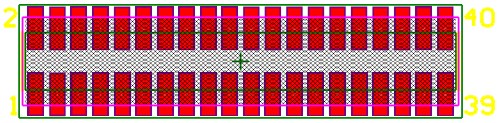


Library Reference	**HDR_SMD_20F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 20p
Height	7.5mm
Dimension	52.8mm x 5.7mm
Number of Pads	20
Number of Primitives	61

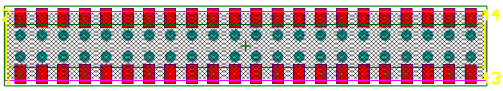


Library Reference	**HDR_SMD_20x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, dual row, 40p
Height	7.45mm
Dimension	54.686mm x 7.5mm
Number of Pads	40

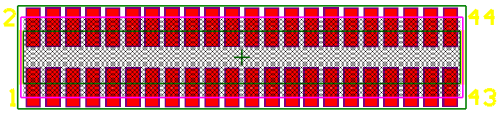
	Number of Primitives	65



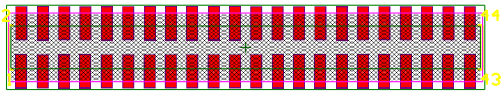
Library Reference	**HDR_SMD_20x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 40p
Height	6.1mm
Dimension	29.226mm x 6.8mm
Number of Pads	40
Number of Primitives	61



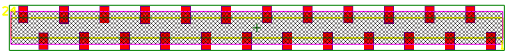
Library Reference	**HDR_SMD_22x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, SMT, Vertical, dual row, 44p
Height	4.85mm
Dimension	46.766mm x 7.568mm
Number of Pads	88
Number of Primitives	113



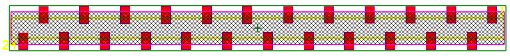
Library Reference	**HDR_SMD_22x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 44p
Height	6.1mm
Dimension	31.766mm x 6.8mm
Number of Pads	44
Number of Primitives	65



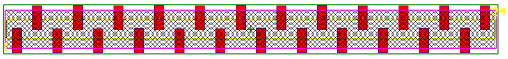
Library Reference	**HDR_SMD_22x2M_2mm**
Description	Pin Header, pitch 2.00 mm, SMD, Vertical, dual row, 44p
Height	6.8mm
Dimension	46.966mm x 8mm
Number of Pads	44
Number of Primitives	69



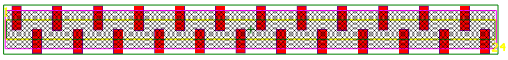
Library Reference	**HDR_SMD_24F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 24p
Height	7.5mm
Dimension	63.013mm x 5.7mm
Number of Pads	24
Number of Primitives	69



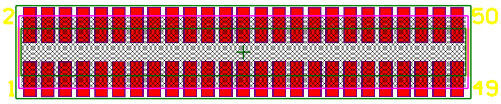
Library Reference	**HDR_SMD_24F_2.54mm_**
Description	Socket Header, Pitch 2.54 mm, SMT, Vertical, single row, 24p
Height	7.5mm
Dimension	62.96mm x 5.7mm
Number of Pads	24
Number of Primitives	69



Library Reference	**HDR_SMD_24M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 24p
Height	9.3mm
Dimension	62.866mm x 6.5mm
Number of Pads	24
Number of Primitives	69

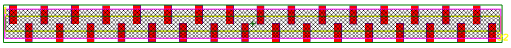


Library Reference	**HDR_SMD_24M_2.54mm_**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 24p
Height	9.3mm
Dimension	62.866mm x 6.5mm
Number of Pads	24
Number of Primitives	69



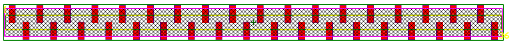
Library Reference	**HDR_SMD_25x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, SMD, Vertical, dual row, 50p
Height	6.1mm
Dimension	35.576mm x 6.8mm
Number of Pads	50
Number of Primitives	71

Library Reference	**HDR_SMD_32M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 32p
Height	9.3mm
Dimension	83.186mm x 6.5mm
Number of Pads	32
Number of Primitives	85



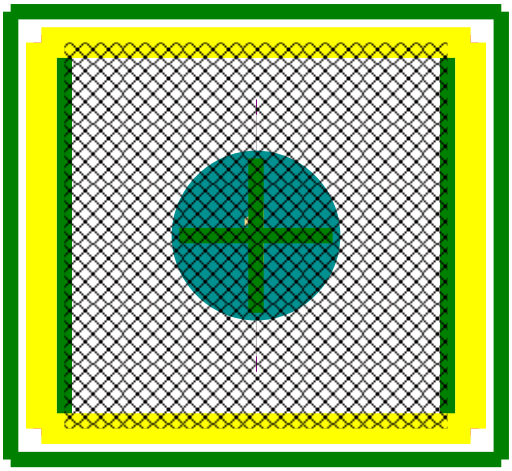
Library Reference	**HDR_SMD_32M_2.54mm_**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 32p
Height	9.3mm
Dimension	83.186mm x 6.5mm
Number of Pads	32
Number of Primitives	85

Library Reference	**HDR_SMD_34M_2.54mm**
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 34p
Height	9.3mm
Dimension	88.266mm x 6.5mm
Number of Pads	34
Number of Primitives	89

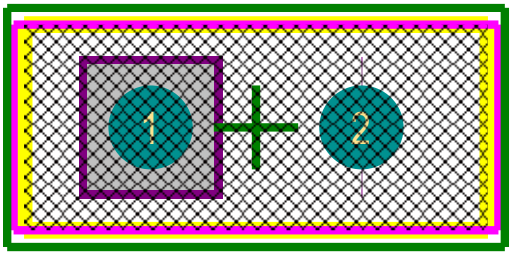


Library Reference	**HDR_SMD_36M_2.54mm**

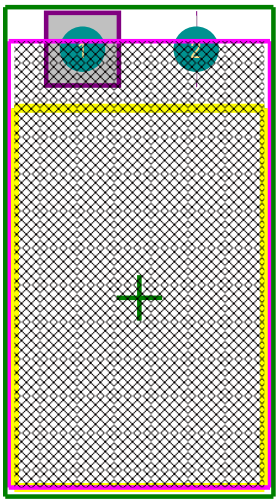
Description	Pin Header, pitch 2.54 mm, SMD, Vertical, single row, 36p
Height	9.3mm
Dimension	93.346mm x 6.5mm
Number of Pads	36
Number of Primitives	93



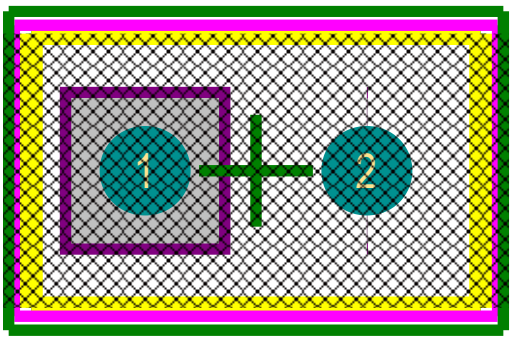
Library Reference	**HDR_THT_1M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 1p
Height	8.54mm
Dimension	3.34mm x 3.04mm
Number of Pads	1
Number of Primitives	20



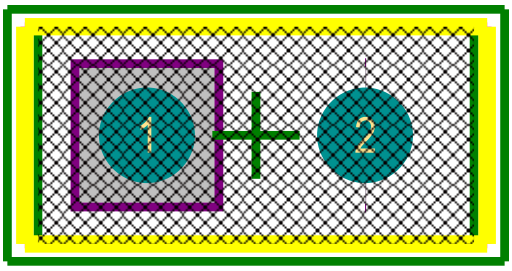
Library Reference	**HDR_THT_2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 2p
Height	8.5mm
Dimension	6.08mm x 3mm
Number of Pads	2
Number of Primitives	21



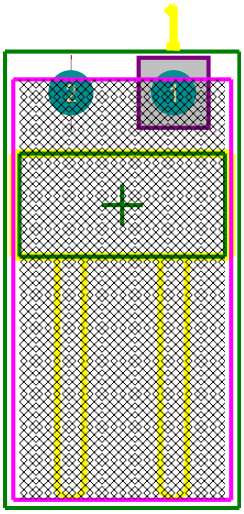
Library Reference	**HDR_THT_2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 2p
Height	2.5mm
Dimension	6.08mm x 11.05mm
Number of Pads	2
Number of Primitives	21



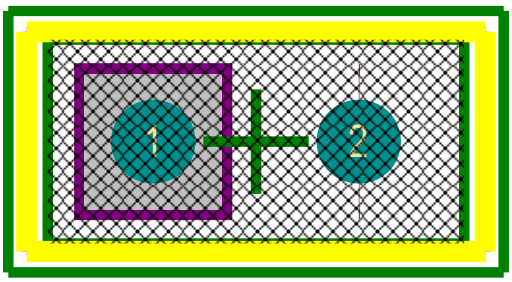
Library Reference	**HDR_THT_2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 2p
Height	4.45mm
Dimension	4.5mm x 3mm
Number of Pads	2
Number of Primitives	21



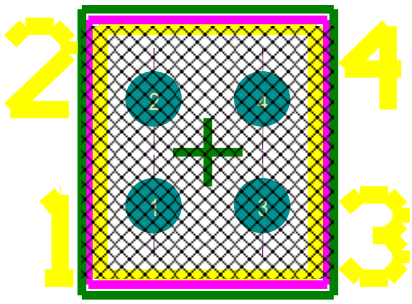
Library Reference	**HDR_THT_2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 2p
Height	8.54mm
Dimension	5.88mm x 3.04mm
Number of Pads	2
Number of Primitives	21



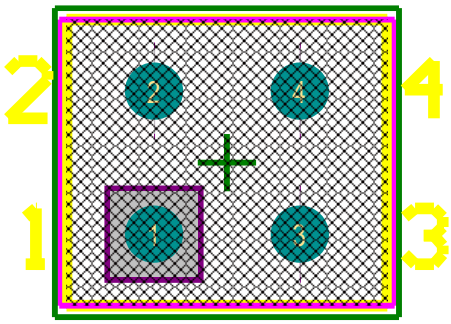
Library Reference	**HDR_THT_2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 2p
Height	2.54mm
Dimension	5.88mm x 12.62mm
Number of Pads	2
Number of Primitives	30



Library Reference	**HDR_THT_2M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 2p
Height	6.35mm
Dimension	4.9mm x 2.65mm
Number of Pads	2
Number of Primitives	21

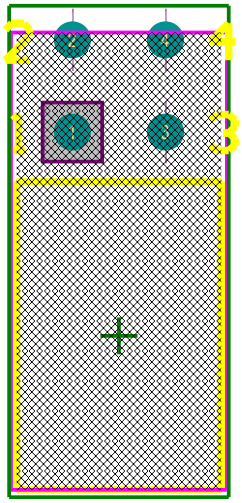


Library Reference	**HDR_THT_2x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 4p
Height	4.65mm
Dimension	4.966mm x 3.5mm
Number of Pads	4
Number of Primitives	27

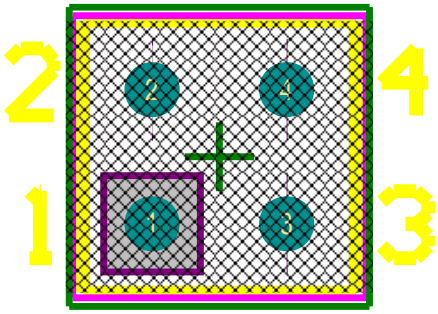


Library Reference	**HDR_THT_2x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 4p
Height	8.4mm
Dimension	7.966mm x 5.58mm
Number of Pads	4

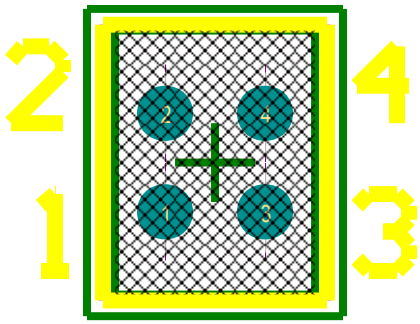
Number of Primitives	27



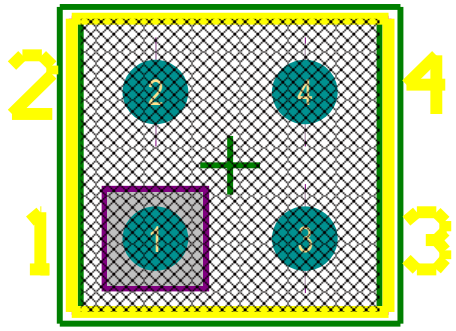
Library Reference	**HDR_THT_2x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 4p
Height	5.08mm
Dimension	6.666mm x 13.65mm
Number of Pads	4
Number of Primitives	27



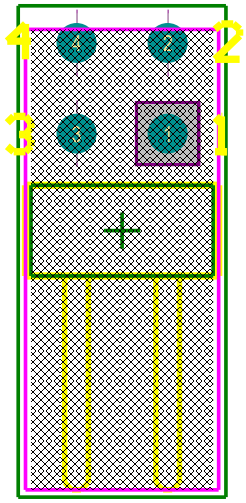
Library Reference	**HDR_THT_2x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 4p
Height	4.45mm
Dimension	6.566mm x 4.5mm
Number of Pads	4
Number of Primitives	27



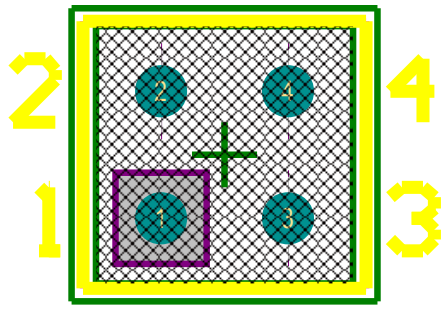
Library Reference	**HDR_THT_2x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 4p
Height	5.65mm
Dimension	5.466mm x 4.05mm
Number of Pads	4
Number of Primitives	27



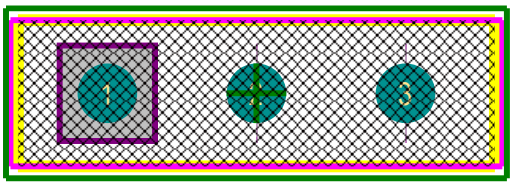
Library Reference	**HDR_THT_2x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 4p
Height	8.54mm
Dimension	7.766mm x 5.58mm
Number of Pads	4
Number of Primitives	27



Library Reference	**HDR_THT_2x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 4p
Height	5.08mm
Dimension	6.866mm x 13.865mm
Number of Pads	4
Number of Primitives	37

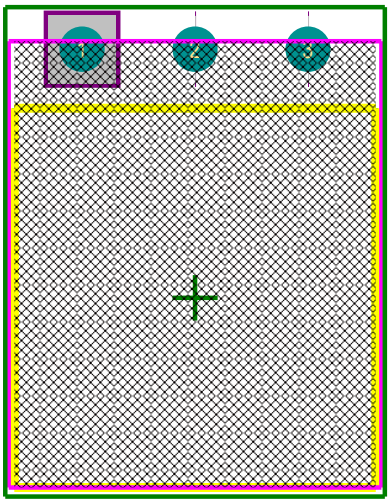


Library Reference	**HDR_THT_2x2M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, dual row, 4p
Height	6mm
Dimension	6.966mm x 4.65mm
Number of Pads	4
Number of Primitives	27

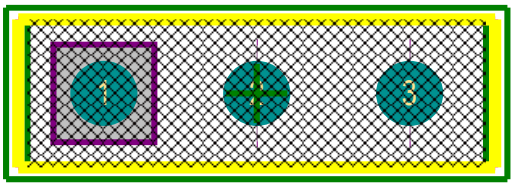


Library Reference	**HDR_THT_3F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 3p
Height	8.5mm
Dimension	8.62mm x 3mm
Number of Pads	3

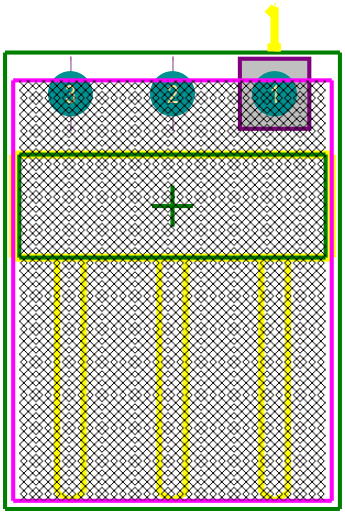
Number of Primitives	22



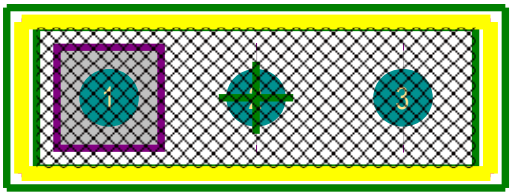
Library Reference	**HDR_THT_3F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 3p
Height	2.5mm
Dimension	8.62mm x 11.05mm
Number of Pads	3
Number of Primitives	22



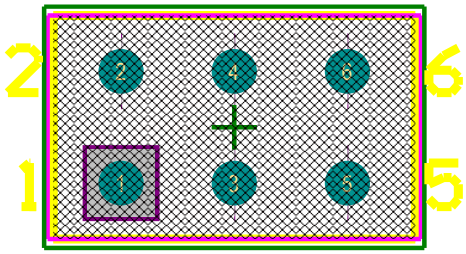
Library Reference	**HDR_THT_3M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 3p
Height	8.54mm
Dimension	8.42mm x 3.04mm
Number of Pads	3
Number of Primitives	22



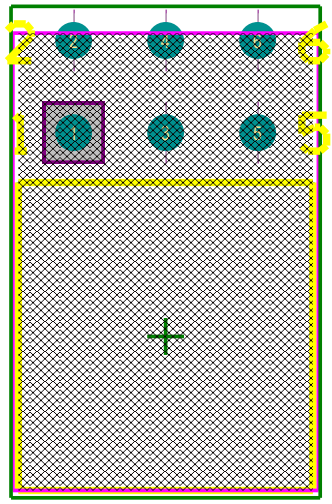
Library Reference	**HDR_THT_3M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 3p
Height	2.54mm
Dimension	8.42mm x 12.62mm
Number of Pads	3
Number of Primitives	35



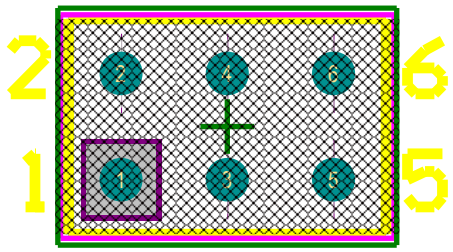
Library Reference	**HDR_THT_3M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 3p
Height	6.35mm
Dimension	6.9mm x 2.65mm
Number of Pads	3
Number of Primitives	22



Library Reference	**HDR_THT_3x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 6p
Height	8.4mm
Dimension	10.506mm x 5.58mm
Number of Pads	6
Number of Primitives	29

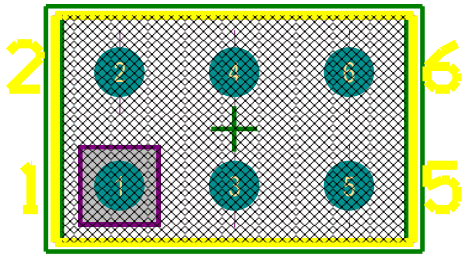


Library Reference	**HDR_THT_3x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 6p
Height	5.08mm
Dimension	9.206mm x 13.65mm
Number of Pads	6
Number of Primitives	29

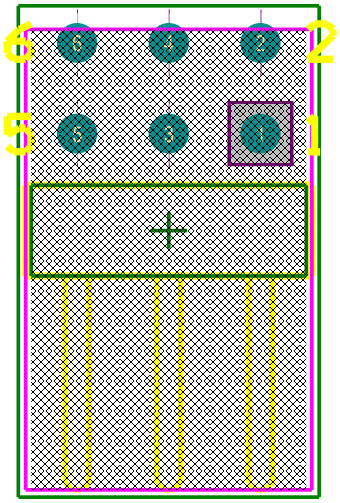


Library Reference	**HDR_THT_3x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 6p
Height	4.45mm
Dimension	8.566mm x 4.5mm
Number of Pads	6

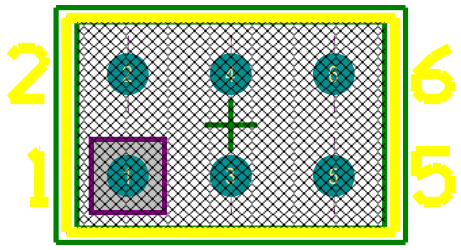
Number of Primitives	29



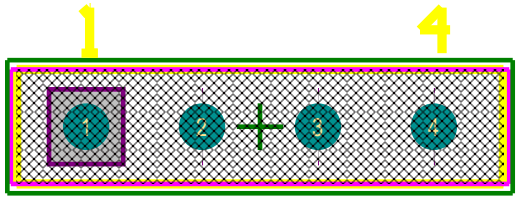
Library Reference	**HDR_THT_3x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 6p
Height	8.54mm
Dimension	10.306mm x 5.58mm
Number of Pads	6
Number of Primitives	29



Library Reference	**HDR_THT_3x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 6p
Height	5.08mm
Dimension	9.406mm x 13.865mm
Number of Pads	6
Number of Primitives	44

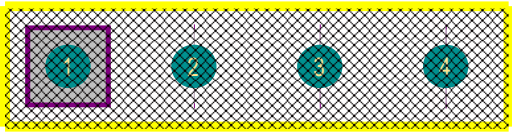


Library Reference	**HDR_THT_3x2M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, dual row, 6p
Height	6mm
Dimension	8.966mm x 4.65mm
Number of Pads	6
Number of Primitives	29

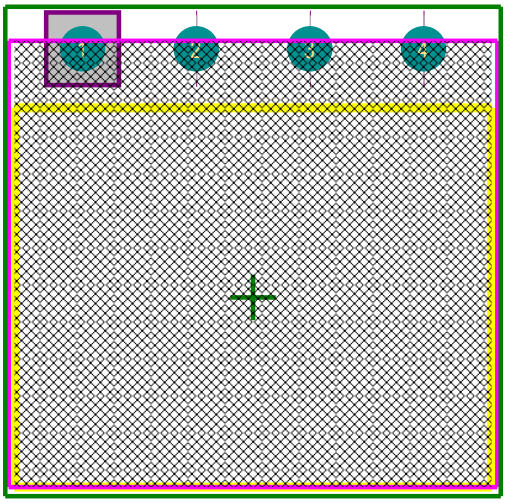


Library Reference	**HDR_THT_4F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 4p
Height	8.5mm
Dimension	11.16mm x 4.3mm

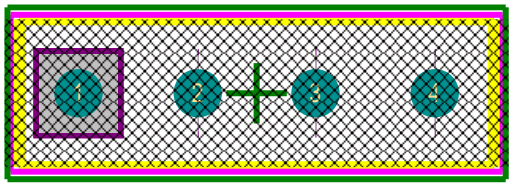
Number of Pads	4
Number of Primitives	25



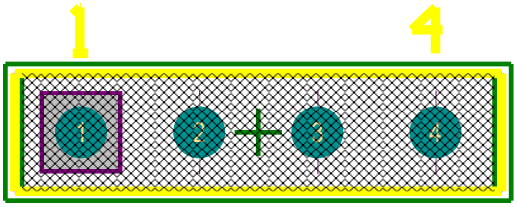
Library Reference	**HDR_THT_4F_2.54mm_military**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 4p
Height	0mm
Dimension	10.36mm x 2.74mm
Number of Pads	4
Number of Primitives	9



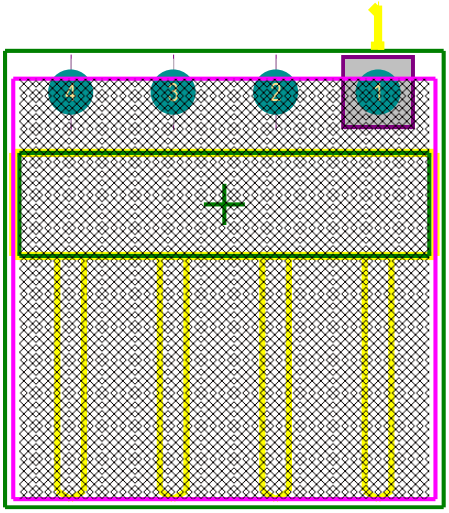
Library Reference	**HDR_THT_4F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 4p
Height	2.5mm
Dimension	11.16mm x 11.05mm
Number of Pads	4
Number of Primitives	23



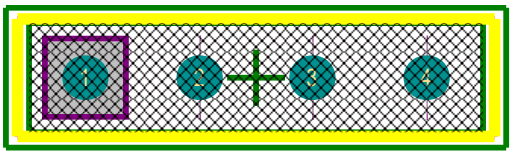
Library Reference	**HDR_THT_4F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 4p
Height	4.45mm
Dimension	8.5mm x 3mm
Number of Pads	4
Number of Primitives	23



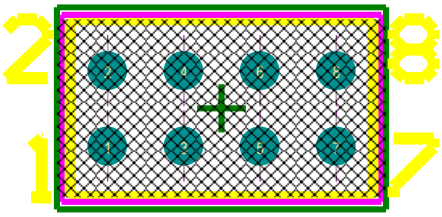
Library Reference	**HDR_THT_4M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 4p
Height	8.54mm
Dimension	10.96mm x 4.42mm
Number of Pads	4
Number of Primitives	25



Library Reference	**HDR_THT_4M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 4p
Height	2.54mm
Dimension	10.96mm x 12.62mm
Number of Pads	4
Number of Primitives	40

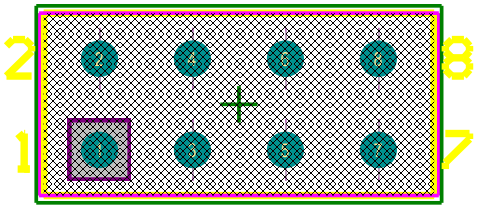


Library Reference	**HDR_THT_4M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 4p
Height	6.35mm
Dimension	8.9mm x 2.65mm
Number of Pads	4
Number of Primitives	23

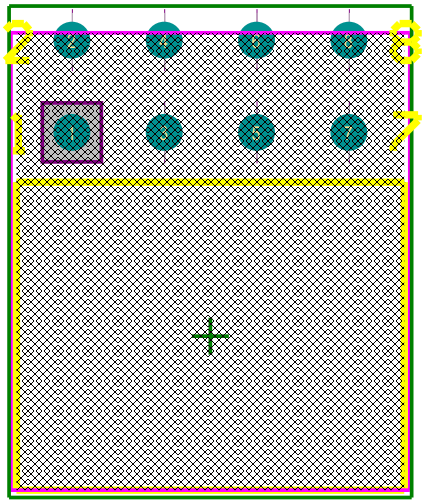


Library Reference	**HDR_THT_4x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 8p
Height	4.65mm
Dimension	7.506mm x 3.5mm
Number of Pads	8

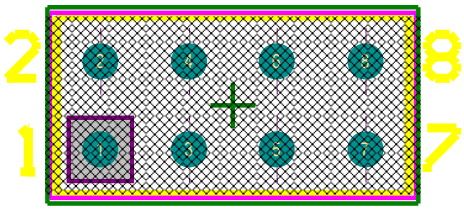
Number of Primitives	31



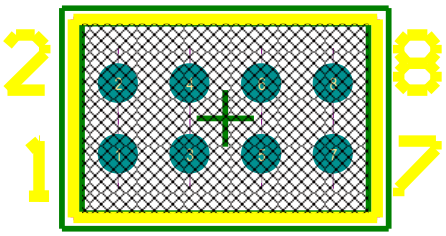
Library Reference	**HDR_THT_4x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 8p
Height	8.4mm
Dimension	13.046mm x 5.58mm
Number of Pads	8
Number of Primitives	31



Library Reference	**HDR_THT_4x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 8p
Height	5.08mm
Dimension	11.746mm x 13.65mm
Number of Pads	8
Number of Primitives	31

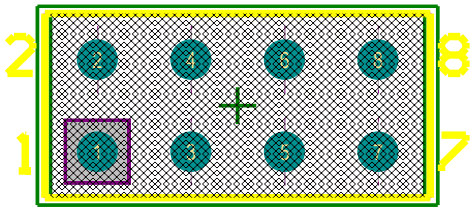


Library Reference	**HDR_THT_4x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 8p
Height	4.45mm
Dimension	10.566mm x 4.5mm
Number of Pads	8
Number of Primitives	31

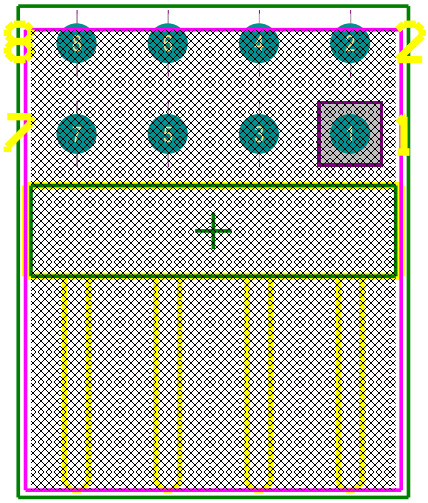


Library Reference	**HDR_THT_4x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 8p
Height	5.65mm
Dimension	8.006mm x 4.05mm

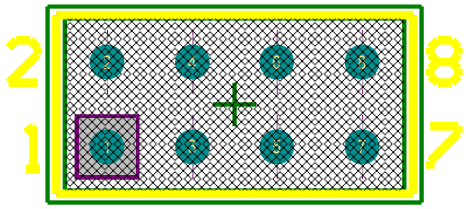
Number of Pads	8
Number of Primitives	31



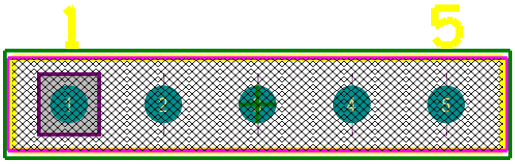
Library Reference	**HDR_THT_4x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 8p
Height	8.54mm
Dimension	12.846mm x 5.58mm
Number of Pads	8
Number of Primitives	31



Library Reference	**HDR_THT_4x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 8p
Height	5.08mm
Dimension	11.946mm x 13.865mm
Number of Pads	8
Number of Primitives	51

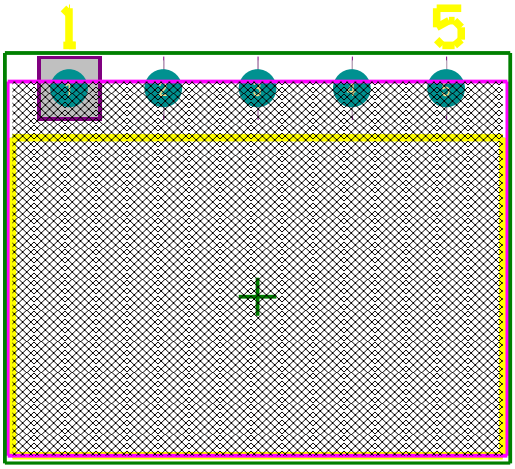


Library Reference	**HDR_THT_4x2M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, dual row, 8p
Height	6mm
Dimension	10.966mm x 4.65mm
Number of Pads	8
Number of Primitives	31

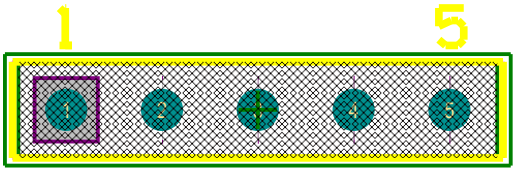


Library Reference	**HDR_THT_5F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 5p

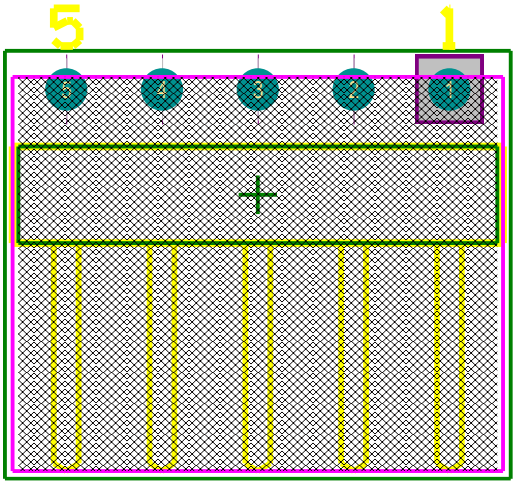
Height	8.5mm
Dimension	13.7mm x 4.3mm
Number of Pads	5
Number of Primitives	26



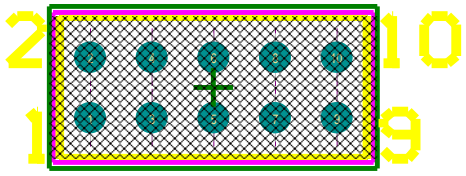
Library Reference	**HDR_THT_5F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 5p
Height	2.5mm
Dimension	13.7mm x 12.4mm
Number of Pads	5
Number of Primitives	26



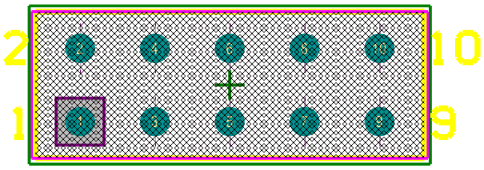
Library Reference	**HDR_THT_5M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 5p
Height	8.54mm
Dimension	13.5mm x 4.42mm
Number of Pads	5
Number of Primitives	26



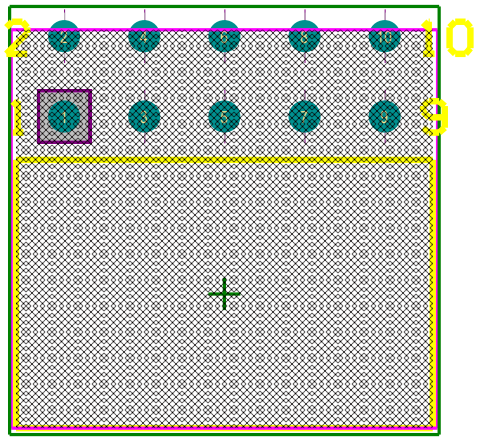
Library Reference	**HDR_THT_5M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 5p
Height	2.54mm
Dimension	13.5mm x 12.62mm
Number of Pads	5
Number of Primitives	46



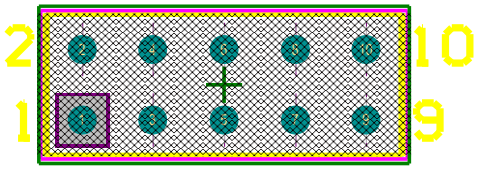
Library Reference	**HDR_THT_5x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 10p
Height	4.65mm
Dimension	9.61mm x 3.5mm
Number of Pads	10
Number of Primitives	33



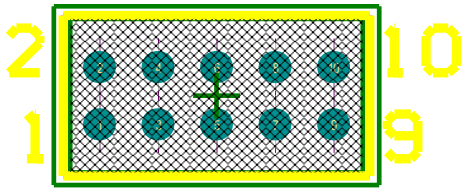
Library Reference	**HDR_THT_5x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 10p
Height	8.4mm
Dimension	16.42mm x 5.58mm
Number of Pads	10
Number of Primitives	33



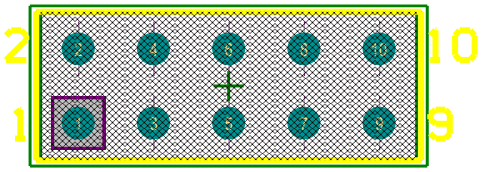
Library Reference	**HDR_THT_5x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 10p
Height	5.08mm
Dimension	15.12mm x 13.65mm
Number of Pads	10
Number of Primitives	33



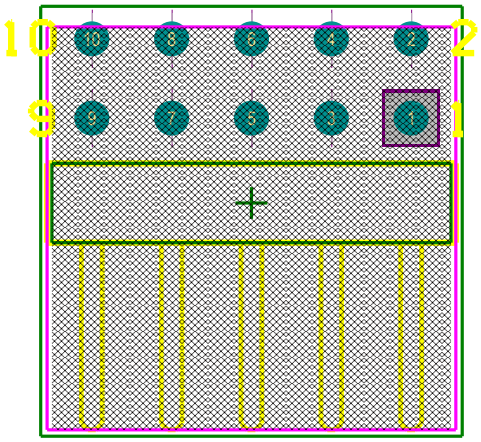
Library Reference	**HDR_THT_5x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 10p
Height	4.45mm
Dimension	13.4mm x 4.5mm
Number of Pads	10
Number of Primitives	33



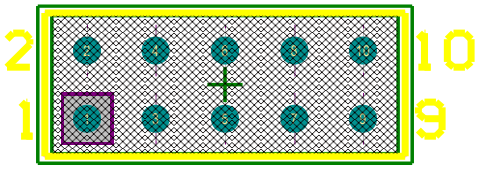
Library Reference	**HDR_THT_5x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 10p
Height	5.65mm
Dimension	10.11mm x 4.05mm
Number of Pads	10
Number of Primitives	33



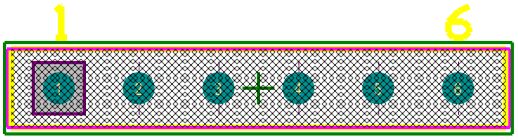
Library Reference	**HDR_THT_5x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 10p
Height	8.54mm
Dimension	16.22mm x 5.58mm
Number of Pads	10
Number of Primitives	33



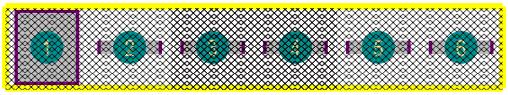
Library Reference	**HDR_THT_5x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 10p
Height	5.08mm
Dimension	15.276mm x 13.865mm
Number of Pads	10
Number of Primitives	58



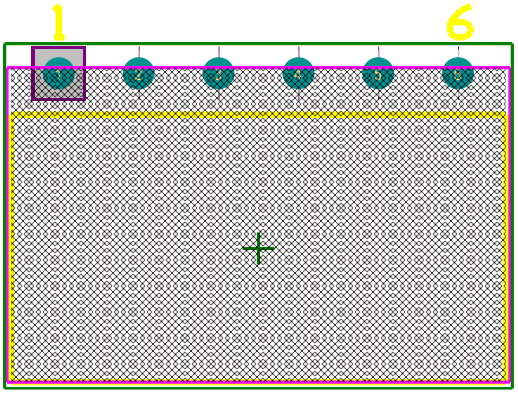
Library Reference	**HDR_THT_5x2M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, dual row, 10p
Height	6mm
Dimension	13.8mm x 4.65mm
Number of Pads	10
Number of Primitives	33



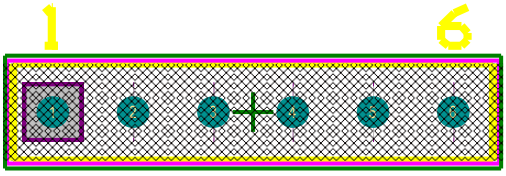
Library Reference	**HDR_THT_6F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 6p
Height	8.5mm
Dimension	16.24mm x 4.3mm
Number of Pads	6
Number of Primitives	27



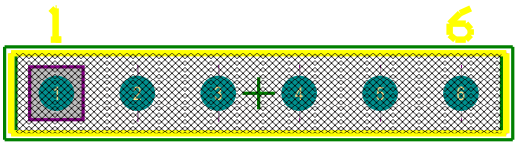
Library Reference	**HDR_THT_6F_2.54mm_military**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 6p
Height	0mm
Dimension	15.44mm x 2.74mm
Number of Pads	6
Number of Primitives	12



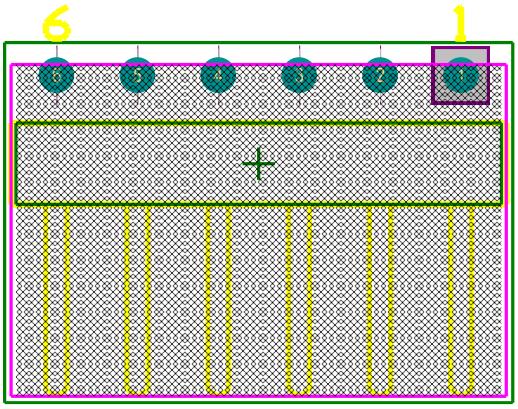
Library Reference	**HDR_THT_6F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 6p
Height	2.5mm
Dimension	16.24mm x 12.4mm
Number of Pads	6
Number of Primitives	27



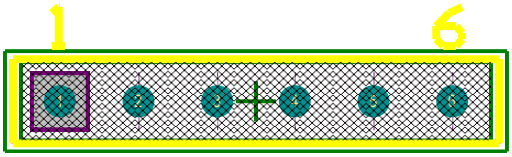
Library Reference	**HDR_THT_6F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 6p
Height	4.45mm
Dimension	12.5mm x 4.4mm
Number of Pads	6
Number of Primitives	27



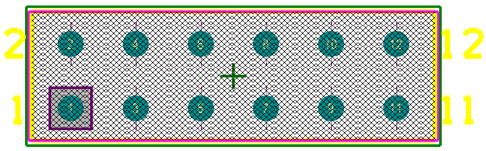
Library Reference	**HDR_THT_6M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 6p
Height	8.54mm
Dimension	16.04mm x 4.42mm
Number of Pads	6
Number of Primitives	27



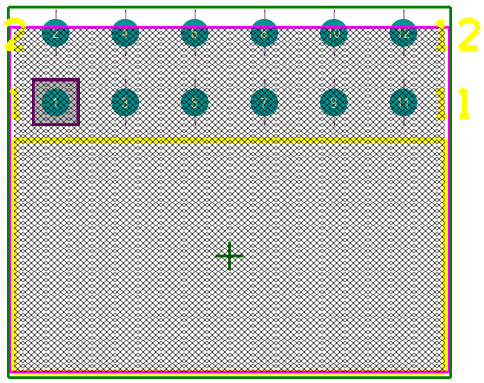
Library Reference	**HDR_THT_6M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 6p
Height	2.54mm
Dimension	16.04mm x 12.62mm
Number of Pads	6
Number of Primitives	51



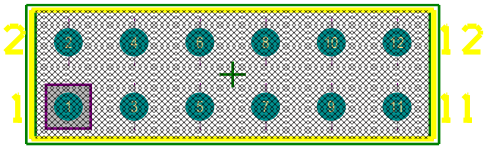
Library Reference	**HDR_THT_6M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 6p
Height	6.35mm
Dimension	12.9mm x 3.925mm
Number of Pads	6
Number of Primitives	27



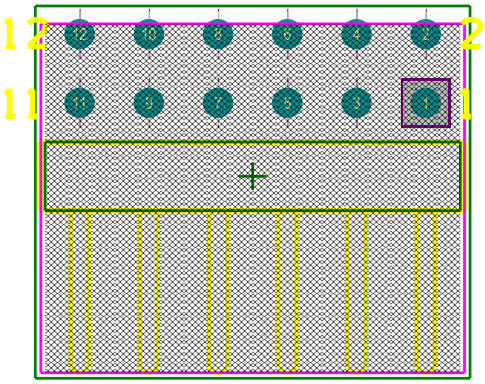
Library Reference	**HDR_THT_6x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 12p
Height	8.4mm
Dimension	18.96mm x 5.58mm
Number of Pads	12
Number of Primitives	35



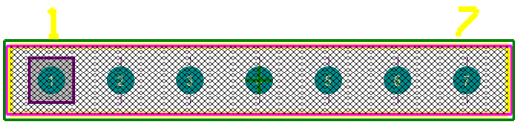
Library Reference	**HDR_THT_6x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 12p
Height	5.08mm
Dimension	17.66mm x 13.65mm
Number of Pads	12
Number of Primitives	35



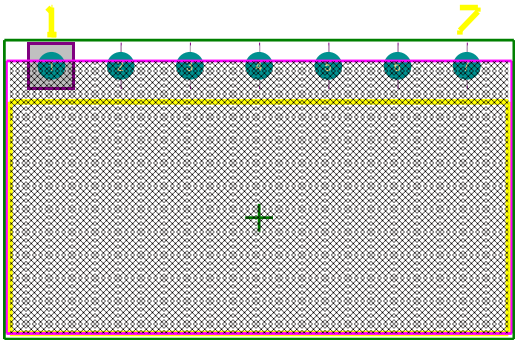
Library Reference	**HDR_THT_6x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 12p
Height	8.54mm
Dimension	18.76mm x 5.58mm
Number of Pads	12
Number of Primitives	35



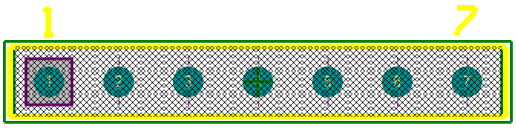
Library Reference	**HDR_THT_6x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 12p
Height	5.08mm
Dimension	17.816mm x 13.865mm
Number of Pads	12
Number of Primitives	65



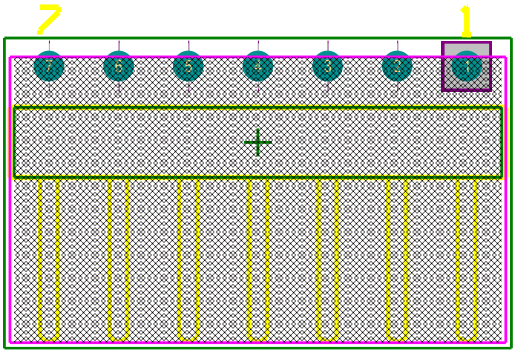
Library Reference	**HDR_THT_7F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 7p
Height	8.5mm
Dimension	18.78mm x 4.3mm
Number of Pads	7
Number of Primitives	28



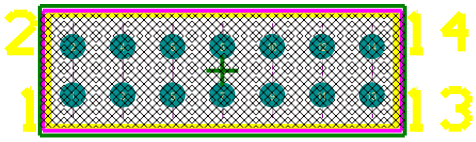
Library Reference	**HDR_THT_7F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 7p
Height	2.5mm
Dimension	18.78mm x 12.4mm
Number of Pads	7
Number of Primitives	28



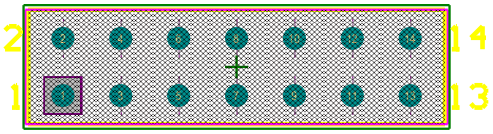
Library Reference	**HDR_THT_7M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 7p
Height	8.54mm
Dimension	18.58mm x 4.42mm
Number of Pads	7
Number of Primitives	28



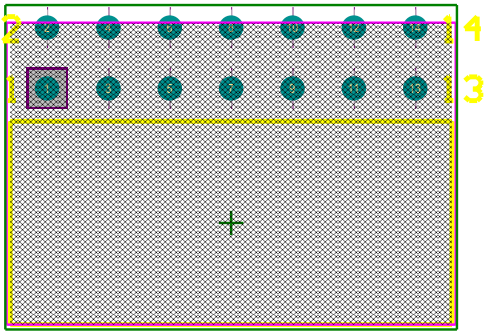
Library Reference	**HDR_THT_7M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 7p
Height	2.54mm
Dimension	18.58mm x 12.62mm
Number of Pads	7
Number of Primitives	56



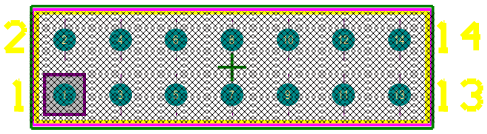
Library Reference	**HDR_THT_7X2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 14p
Height	4.65mm
Dimension	12.15mm x 3.5mm
Number of Pads	14
Number of Primitives	37



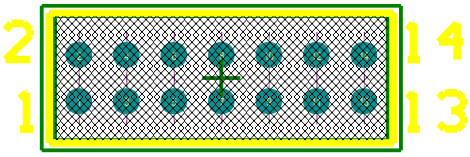
Library Reference	**HDR_THT_7x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 14p
Height	8.4mm
Dimension	21.5mm x 5.58mm
Number of Pads	14
Number of Primitives	37



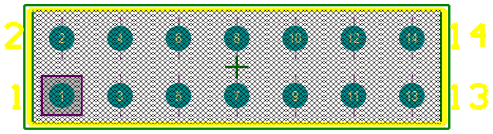
Library Reference	**HDR_THT_7x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 14p
Height	5.08mm
Dimension	20.2mm x 13.65mm
Number of Pads	14
Number of Primitives	37



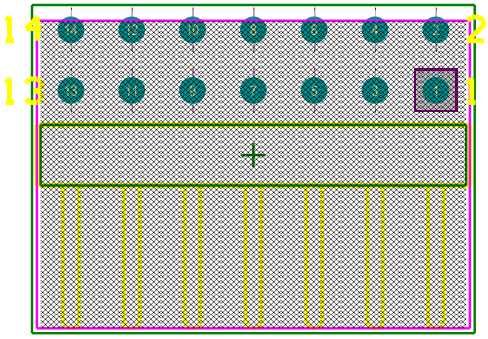
Library Reference	**HDR_THT_7X2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 14p
Height	4.45mm
Dimension	17.4mm x 4.5mm
Number of Pads	14
Number of Primitives	37



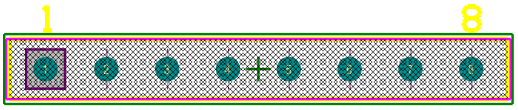
Library Reference	**HDR_THT_7x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 14p
Height	5.65mm
Dimension	12.65mm x 4.05mm
Number of Pads	14
Number of Primitives	37



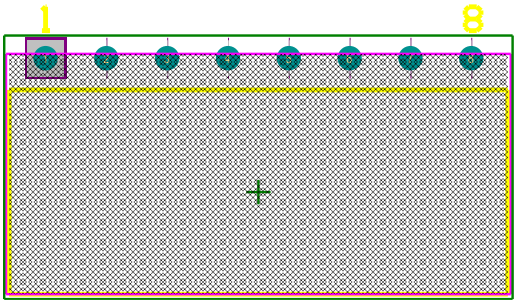
Library Reference	**HDR_THT_7x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 14p
Height	8.54mm
Dimension	21.3mm x 5.58mm
Number of Pads	14
Number of Primitives	37



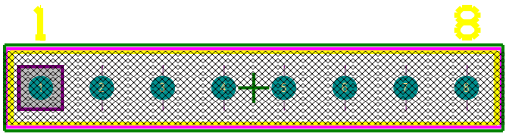
Library Reference	**HDR_THT_7x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 14p
Height	5.08mm
Dimension	20.356mm x 13.865mm
Number of Pads	14
Number of Primitives	72



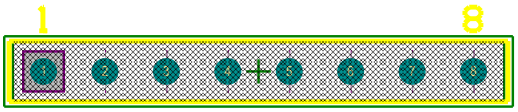
Library Reference	**HDR_THT_8F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 8p
Height	8.5mm
Dimension	21.32mm x 4.3mm
Number of Pads	8
Number of Primitives	29



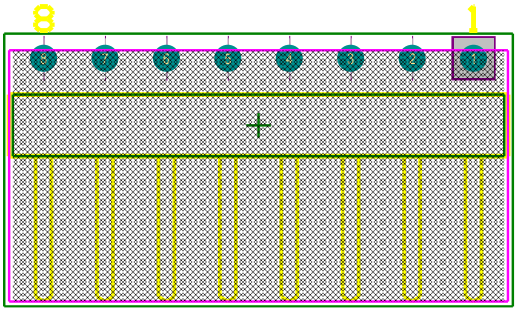
Library Reference	**HDR_THT_8F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 18p
Height	2.5mm
Dimension	21.32mm x 12.4mm
Number of Pads	8
Number of Primitives	29



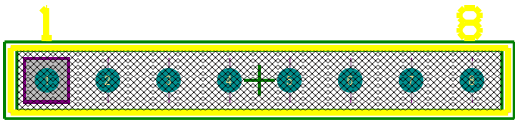
Library Reference	**HDR_THT_8F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 8p
Height	4.45mm
Dimension	16.5mm x 4.4mm
Number of Pads	8
Number of Primitives	29



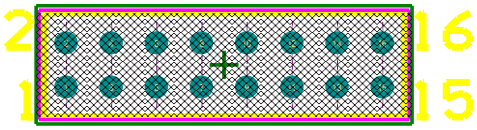
Library Reference	**HDR_THT_8M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 8p
Height	8.54mm
Dimension	21.12mm x 4.42mm
Number of Pads	8
Number of Primitives	29



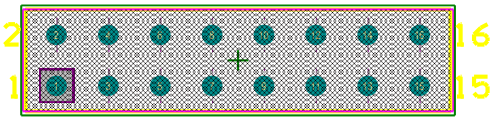
Library Reference	**HDR_THT_8M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 8p
Height	2.54mm
Dimension	21.12mm x 12.62mm
Number of Pads	8
Number of Primitives	61



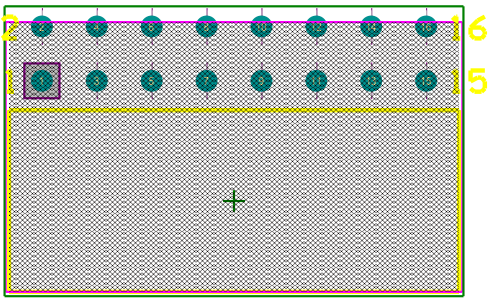
Library Reference	**HDR_THT_8M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 8p
Height	6.35mm
Dimension	16.9mm x 3.925mm
Number of Pads	8
Number of Primitives	29



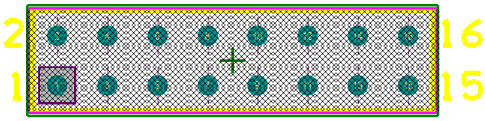
Library Reference	**HDR_THT_8x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 16p
Height	4.65mm
Dimension	13.42mm x 3.5mm
Number of Pads	16
Number of Primitives	39



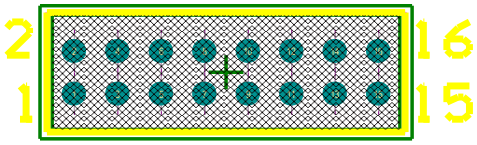
Library Reference	**HDR_THT_8x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 16p
Height	8.4mm
Dimension	24.04mm x 5.58mm
Number of Pads	16
Number of Primitives	39



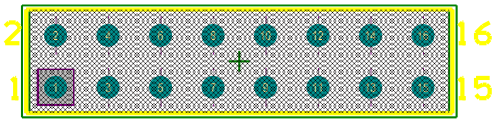
Library Reference	**HDR_THT_8x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 16p
Height	5.08mm
Dimension	22.74mm x 13.65mm
Number of Pads	16
Number of Primitives	39



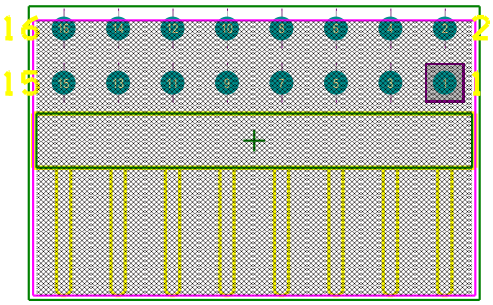
Library Reference	**HDR_THT_8x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 16p
Height	4.45mm
Dimension	19.4mm x 4.5mm
Number of Pads	16
Number of Primitives	39



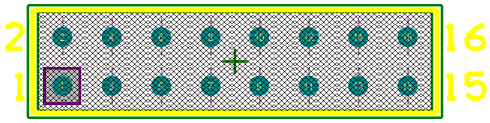
Library Reference	**HDR_THT_8x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 16p
Height	5.65mm
Dimension	13.92mm x 4.05mm
Number of Pads	16
Number of Primitives	39



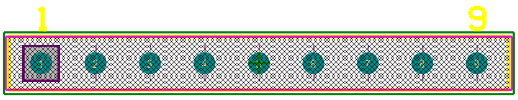
Library Reference	**HDR_THT_8x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 16p
Height	8.54mm
Dimension	23.84mm x 5.58mm
Number of Pads	16
Number of Primitives	39



Library Reference	**HDR_THT_8x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 16p
Height	5.08mm
Dimension	22.896mm x 13.865mm
Number of Pads	16
Number of Primitives	79

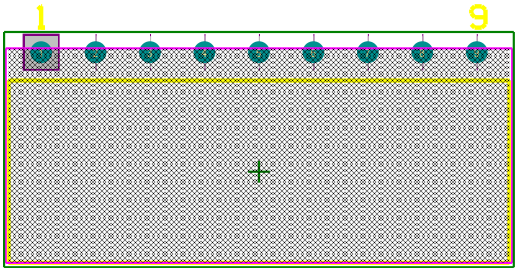


Library Reference	**HDR_THT_8x2M_2mm**
Description	2.00 mm THT Dual Pin Header, 16p
Height	6mm
Dimension	19.8mm x 4.65mm
Number of Pads	16
Number of Primitives	39

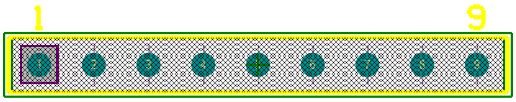


Library Reference	**HDR_THT_9F_2.54mm**

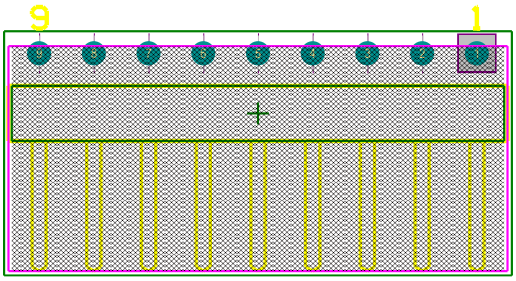
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 9p
Height	8.5mm
Dimension	23.86mm x 4.3mm
Number of Pads	9
Number of Primitives	30



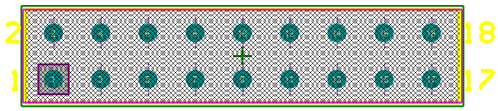
Library Reference	**HDR_THT_9F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 19p
Height	2.5mm
Dimension	23.86mm x 12.4mm
Number of Pads	9
Number of Primitives	30



Library Reference	**HDR_THT_9M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 9p
Height	8.54mm
Dimension	23.66mm x 4.42mm
Number of Pads	9
Number of Primitives	30

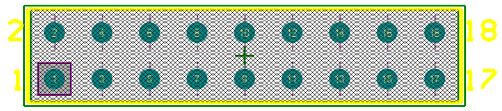


Library Reference	**HDR_THT_9M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 9p
Height	2.54mm
Dimension	23.66mm x 12.62mm
Number of Pads	9
Number of Primitives	66

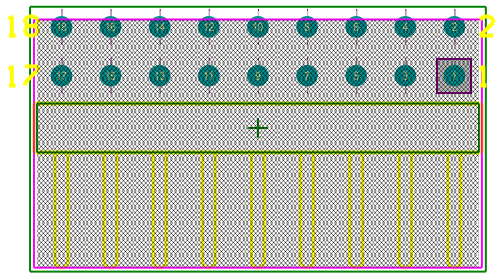


Library Reference	**HDR_THT_9x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 18p

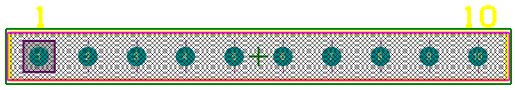
Height	8.4mm
Dimension	26.58mm x 5.58mm
Number of Pads	18
Number of Primitives	41



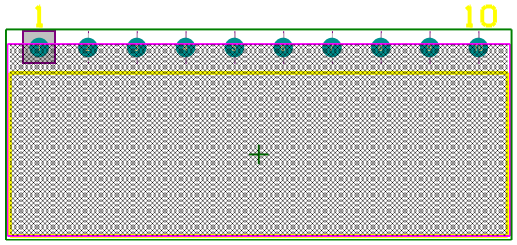
Library Reference	**HDR_THT_9x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 18p
Height	8.54mm
Dimension	26.38mm x 5.58mm
Number of Pads	18
Number of Primitives	41



Library Reference	**HDR_THT_9x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 18p
Height	5.08mm
Dimension	25.436mm x 13.865mm
Number of Pads	18
Number of Primitives	86

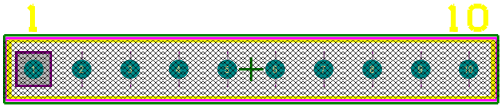


Library Reference	**HDR_THT_10F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 10p
Height	8.5mm
Dimension	26.4mm x 4.3mm
Number of Pads	10
Number of Primitives	31

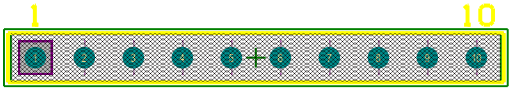


Library Reference	**HDR_THT_10F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 10p
Height	2.5mm
Dimension	26.4mm x 12.4mm

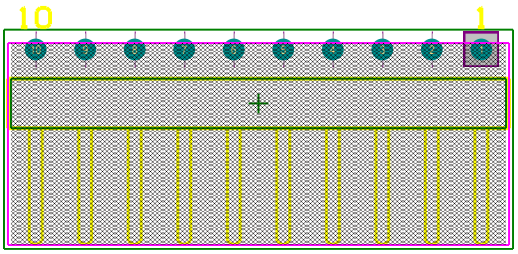
Number of Pads	10
Number of Primitives	31



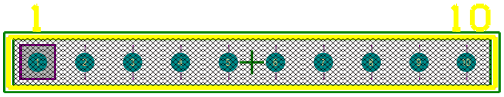
Library Reference	**HDR_THT_10F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 10p
Height	4.45mm
Dimension	20.5mm x 4.4mm
Number of Pads	10
Number of Primitives	31



Library Reference	**HDR_THT_10M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 10p
Height	8.54mm
Dimension	26.2mm x 4.42mm
Number of Pads	10
Number of Primitives	31

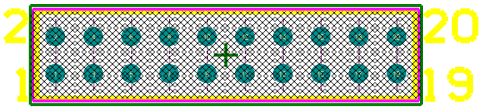


Library Reference	**HDR_THT_10M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 10p
Height	2.54mm
Dimension	26.2mm x 12.62mm
Number of Pads	10
Number of Primitives	71

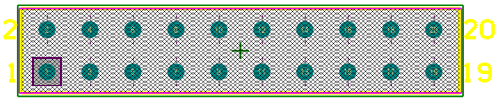


Library Reference	**HDR_THT_10M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 10p
Height	6.35mm
Dimension	20.9mm x 3.925mm
Number of Pads	10

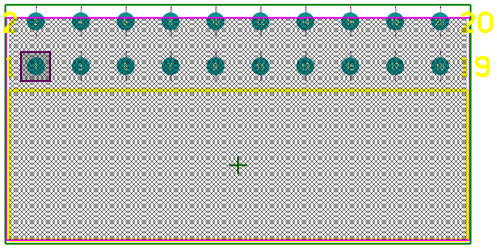
	Number of Primitives	31



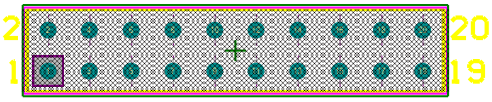
Library Reference	**HDR_THT_10x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 20p
Height	4.65mm
Dimension	16.126mm x 3.5mm
Number of Pads	20
Number of Primitives	43



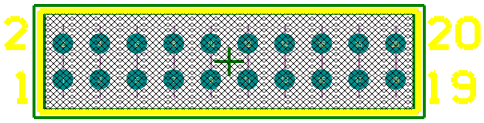
Library Reference	**HDR_THT_10x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 20p
Height	8.4mm
Dimension	29.286mm x 5.58mm
Number of Pads	20
Number of Primitives	43



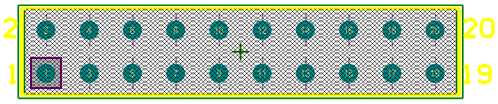
Library Reference	**HDR_THT_10x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 20p
Height	5.08mm
Dimension	27.986mm x 13.65mm
Number of Pads	20
Number of Primitives	43



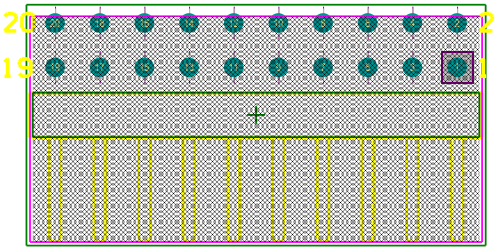
Library Reference	**HDR_THT_10x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 20p
Height	4.45mm
Dimension	23.566mm x 4.5mm
Number of Pads	20
Number of Primitives	43



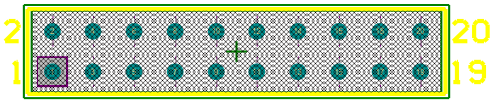
Library Reference	**HDR_THT_10x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 20p
Height	5.65mm
Dimension	16.626mm x 4.05mm
Number of Pads	20
Number of Primitives	43



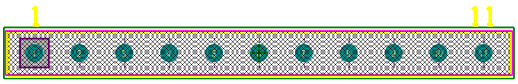
Library Reference	**HDR_THT_10x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 20p
Height	8.54mm
Dimension	29.086mm x 5.58mm
Number of Pads	20
Number of Primitives	43



Library Reference	**HDR_THT_10x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 20p
Height	5.08mm
Dimension	28.126mm x 13.865mm
Number of Pads	20
Number of Primitives	93

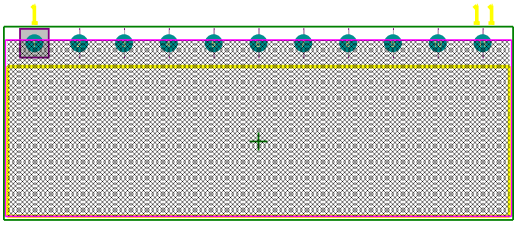


Library Reference	**HDR_THT_10x2M_2mm**
Description	2.00 mm THT Dual Pin Header, 20p
Height	6mm
Dimension	23.966mm x 4.65mm
Number of Pads	20
Number of Primitives	43

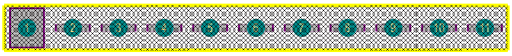


Library Reference	**HDR_THT_11F_2.54mm**

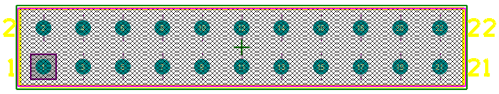
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 11p
Height	8.5mm
Dimension	28.94mm x 4.3mm
Number of Pads	11
Number of Primitives	32



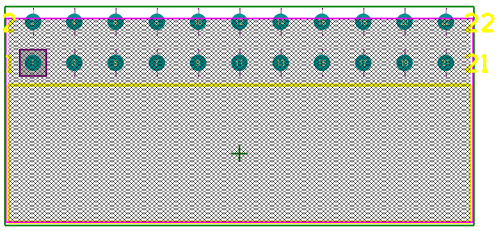
Library Reference	**HDR_THT_11F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 11p
Height	2.5mm
Dimension	28.94mm x 12.4mm
Number of Pads	11
Number of Primitives	32



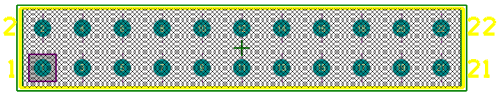
Library Reference	**HDR_THT_11M_2.54mm**
Description	in Header, pitch 2.54 mm, THT, Vertical, single row, 11p
Height	0mm
Dimension	28.14mm x 2.74mm
Number of Pads	11
Number of Primitives	26



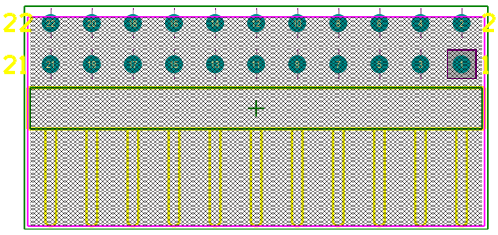
Library Reference	**HDR_THT_11x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 22p
Height	8.4mm
Dimension	31.826mm x 5.58mm
Number of Pads	22
Number of Primitives	45



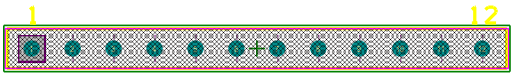
Library Reference	**HDR_THT_11x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 22p
Height	5.08mm
Dimension	30.526mm x 13.65mm
Number of Pads	22
Number of Primitives	45



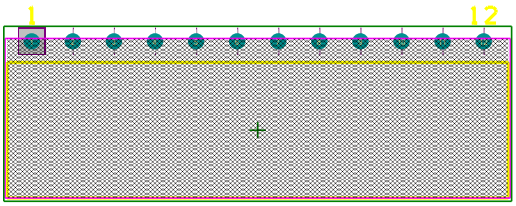
Library Reference	**HDR_THT_11x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 22p
Height	8.54mm
Dimension	31.626mm x 5.58mm
Number of Pads	22
Number of Primitives	45



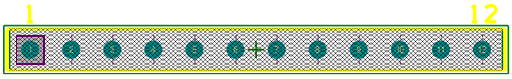
Library Reference	**HDR_THT_11x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 22p
Height	5.08mm
Dimension	30.666mm x 13.865mm
Number of Pads	22
Number of Primitives	100



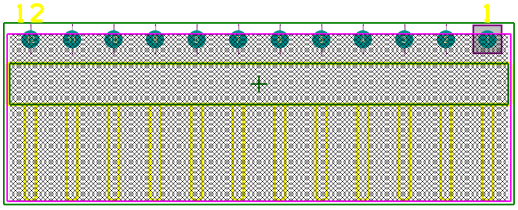
Library Reference	**HDR_THT_12F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 12p
Height	8.5mm
Dimension	31.48mm x 4.3mm
Number of Pads	12
Number of Primitives	33



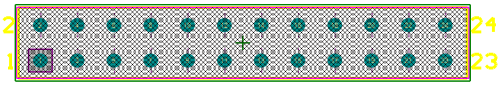
Library Reference	**HDR_THT_12F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 12p
Height	2.5mm
Dimension	31.48mm x 12.4mm
Number of Pads	12
Number of Primitives	33



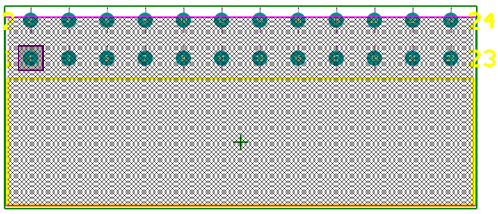
Library Reference	**HDR_THT_12M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 12p
Height	8.54mm
Dimension	31.28mm x 4.42mm
Number of Pads	12
Number of Primitives	33



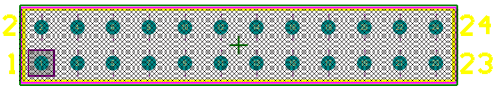
Library Reference	**HDR_THT_12M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 12p
Height	2.54mm
Dimension	31.28mm x 12.62mm
Number of Pads	12
Number of Primitives	81



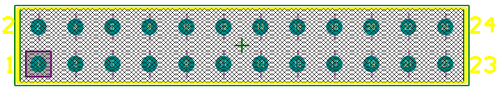
Library Reference	**HDR_THT_12x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 24p
Height	8.4mm
Dimension	34.366mm x 5.58mm
Number of Pads	24
Number of Primitives	47



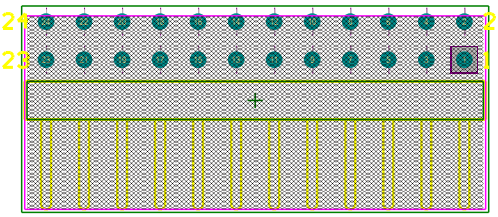
Library Reference	**HDR_THT_12x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 24p
Height	5.08mm
Dimension	33.066mm x 13.65mm
Number of Pads	24
Number of Primitives	47



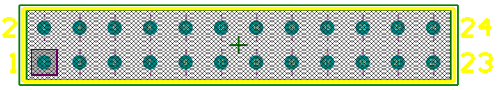
Library Reference	**HDR_THT_12x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 24p
Height	4.45mm
Dimension	27.566mm x 4.5mm
Number of Pads	24
Number of Primitives	47



Library Reference	**HDR_THT_12x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 24p
Height	8.54mm
Dimension	34.166mm x 5.58mm
Number of Pads	24
Number of Primitives	47

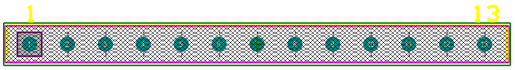


Library Reference	**HDR_THT_12x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 24p
Height	5.08mm
Dimension	33.206mm x 13.865mm
Number of Pads	24
Number of Primitives	107

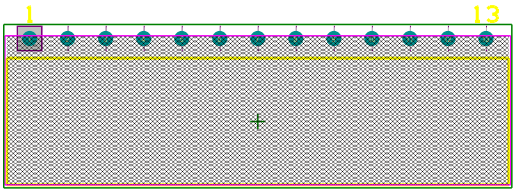


Library Reference	**HDR_THT_12x2M_2mm**

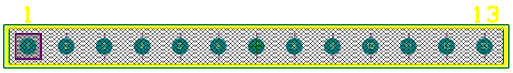
Description	2.00 mm THT Dual Pin Header, 24p
Height	6mm
Dimension	27.966mm x 4.65mm
Number of Pads	24
Number of Primitives	47



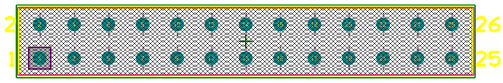
Library Reference	**HDR_THT_13F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 13p
Height	8.5mm
Dimension	34.02mm x 4.3mm
Number of Pads	13
Number of Primitives	34



Library Reference	**HDR_THT_13F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 13p
Height	2.5mm
Dimension	34.02mm x 12.4mm
Number of Pads	13
Number of Primitives	34

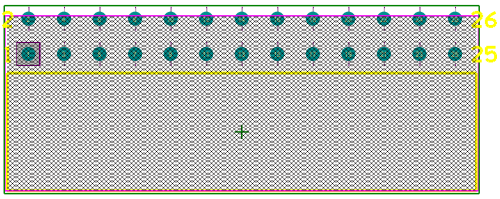


Library Reference	**HDR_THT_13M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 13p
Height	8.54mm
Dimension	33.82mm x 4.42mm
Number of Pads	13
Number of Primitives	34

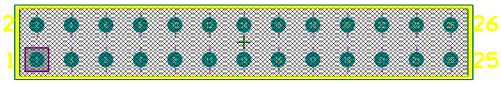


Library Reference	**HDR_THT_13x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 26p
Height	8.4mm

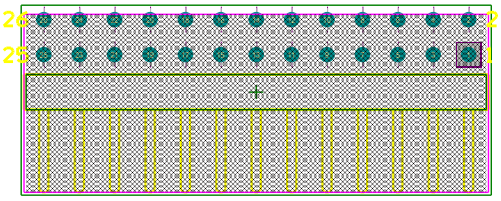
Dimension	36.906mm x 5.58mm
Number of Pads	26
Number of Primitives	49



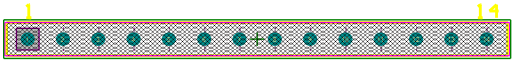
Library Reference	**HDR_THT_13x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 26p
Height	5.08mm
Dimension	35.606mm x 13.65mm
Number of Pads	26
Number of Primitives	49



Library Reference	**HDR_THT_13x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 26p
Height	8.54mm
Dimension	36.706mm x 5.58mm
Number of Pads	26
Number of Primitives	49

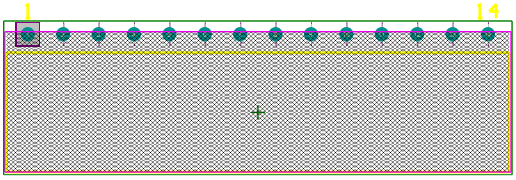


Library Reference	**HDR_THT_13x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 26p
Height	5.08mm
Dimension	35.746mm x 13.865mm
Number of Pads	26
Number of Primitives	114

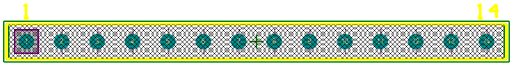


Library Reference	**HDR_THT_14F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 14p
Height	8.5mm
Dimension	36.56mm x 4.3mm

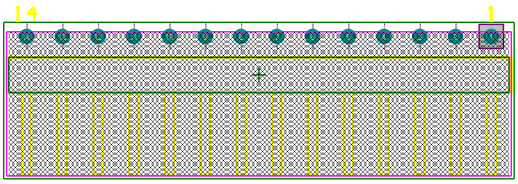
Number of Pads	14
Number of Primitives	35



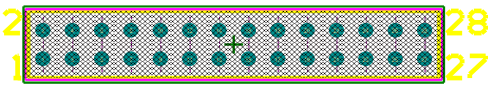
Library Reference	**HDR_THT_14F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 14p
Height	2.5mm
Dimension	36.56mm x 12.4mm
Number of Pads	14
Number of Primitives	35



Library Reference	**HDR_THT_14M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 14p
Height	8.54mm
Dimension	36.36mm x 4.42mm
Number of Pads	14
Number of Primitives	35

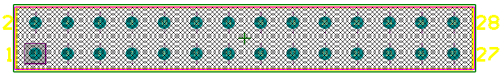


Library Reference	**HDR_THT_14M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 14p
Height	2.54mm
Dimension	36.36mm x 12.62mm
Number of Pads	14
Number of Primitives	91

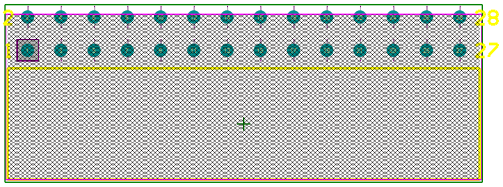


Library Reference	**HDR_THT_14x2F_1.27mm**
Description	Socket Header, Pitch 1.27 mm, THT, Vertical, dual row, 28p
Height	4.65mm
Dimension	21.206mm x 3.5mm
Number of Pads	28

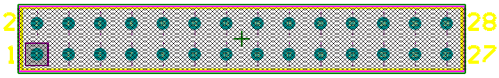
	Number of Primitives	51



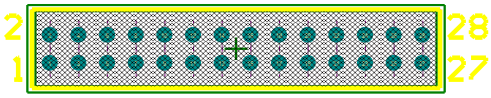
Library Reference	**HDR_THT_14x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 28p
Height	8.4mm
Dimension	39.446mm x 5.58mm
Number of Pads	28
Number of Primitives	51



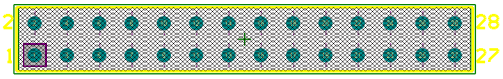
Library Reference	**HDR_THT_14x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 28p
Height	5.08mm
Dimension	38.146mm x 13.65mm
Number of Pads	28
Number of Primitives	51



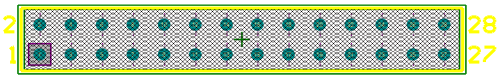
Library Reference	**HDR_THT_14x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 28p
Height	4.45mm
Dimension	31.566mm x 4.5mm
Number of Pads	28
Number of Primitives	51



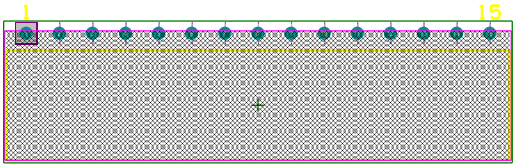
Library Reference	**HDR_THT_14x2M_1.27mm**
Description	Pin Header, pitch 1.27 mm, THT, Vertical, dual row, 28p
Height	5.65mm
Dimension	21.706mm x 4.05mm
Number of Pads	28
Number of Primitives	51



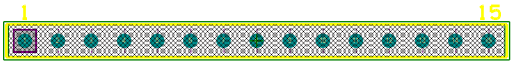
Library Reference	**HDR_THT_14x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 28p
Height	8.54mm
Dimension	39.246mm x 5.58mm
Number of Pads	28
Number of Primitives	51



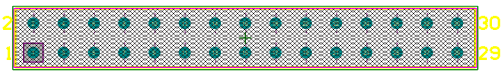
Library Reference	**HDR_THT_14x2M_2mm**
Description	2.00 mm THT Dual Pin Header, 28p
Height	6mm
Dimension	31.966mm x 4.65mm
Number of Pads	28
Number of Primitives	51



Library Reference	**HDR_THT_15F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 15p
Height	2.5mm
Dimension	39.1mm x 12.4mm
Number of Pads	15
Number of Primitives	36

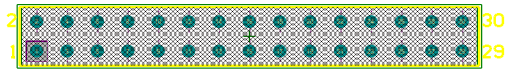


Library Reference	**HDR_THT_15M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 15p
Height	8.54mm
Dimension	38.9mm x 4.42mm
Number of Pads	15
Number of Primitives	36

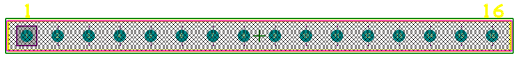


Library Reference	**HDR_THT_15x2F_2.54mm**

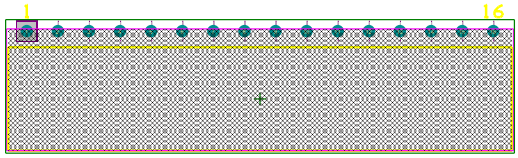
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 30p
Height	8.4mm
Dimension	41.986mm x 5.58mm
Number of Pads	30
Number of Primitives	53



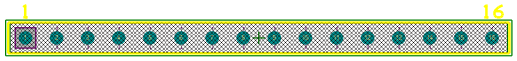
Library Reference	**HDR_THT_15x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 30p
Height	8.54mm
Dimension	41.786mm x 5.58mm
Number of Pads	30
Number of Primitives	53



Library Reference	**HDR_THT_16F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 16p
Height	8.5mm
Dimension	41.64mm x 4.3mm
Number of Pads	16
Number of Primitives	37

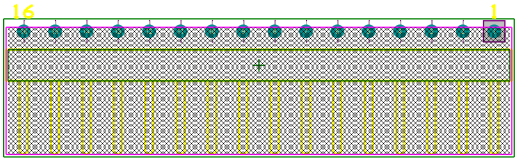


Library Reference	**HDR_THT_16F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 16p
Height	2.5mm
Dimension	41.64mm x 12.4mm
Number of Pads	16
Number of Primitives	37

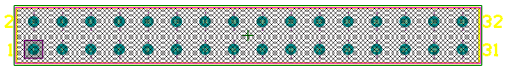


Library Reference	**HDR_THT_16M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 16p

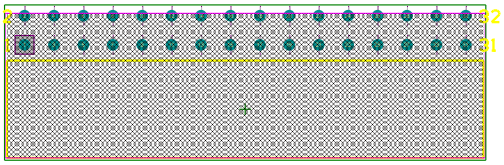
Height	8.54mm
Dimension	41.44mm x 4.42mm
Number of Pads	16
Number of Primitives	37



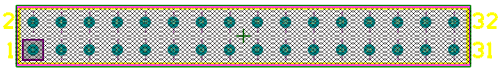
Library Reference	**HDR_THT_16M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 16p
Height	2.54mm
Dimension	41.44mm x 12.62mm
Number of Pads	16
Number of Primitives	101



Library Reference	**HDR_THT_16x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 32p
Height	8.4mm
Dimension	44.526mm x 5.58mm
Number of Pads	32
Number of Primitives	55

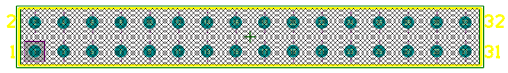


Library Reference	**HDR_THT_16x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 32p
Height	5.08mm
Dimension	43.226mm x 13.65mm
Number of Pads	32
Number of Primitives	55

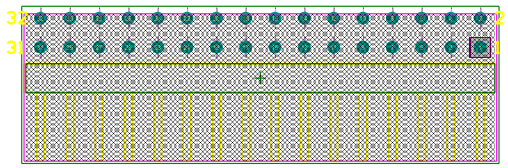


Library Reference	**HDR_THT_16X2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 32p
Height	4.45mm
Dimension	35.566mm x 4.5mm

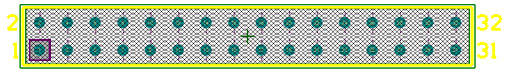
Number of Pads	32
Number of Primitives	55



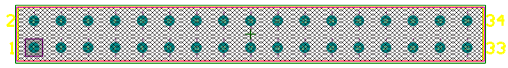
Library Reference	**HDR_THT_16x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 32p
Height	8.54mm
Dimension	44.326mm x 5.58mm
Number of Pads	32
Number of Primitives	55



Library Reference	**HDR_THT_16x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 32p
Height	5.08mm
Dimension	43.366mm x 13.865mm
Number of Pads	32
Number of Primitives	135

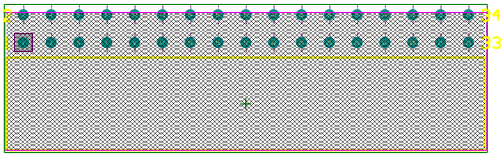


Library Reference	**HDR_THT_16x2M_2mm**
Description	2.00 mm THT Dual Pin Header, 32p
Height	6mm
Dimension	35.966mm x 4.65mm
Number of Pads	32
Number of Primitives	55

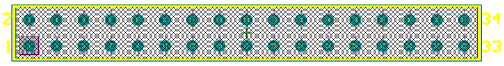


Library Reference	**HDR_THT_17x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 34p
Height	8.4mm
Dimension	47.066mm x 5.58mm
Number of Pads	34

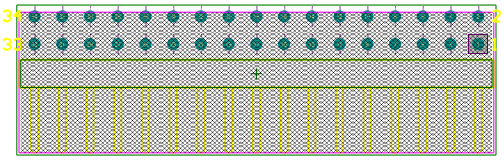
Number of Primitives	57



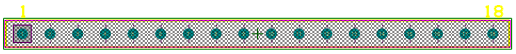
Library Reference	**HDR_THT_17x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 34p
Height	5.08mm
Dimension	45.766mm x 13.65mm
Number of Pads	34
Number of Primitives	57



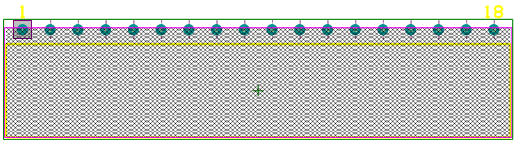
Library Reference	**HDR_THT_17x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 34p
Height	8.54mm
Dimension	46.866mm x 5.58mm
Number of Pads	34
Number of Primitives	57



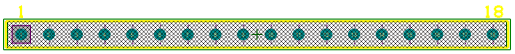
Library Reference	**HDR_THT_17x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 34p
Height	5.08mm
Dimension	45.906mm x 13.865mm
Number of Pads	34
Number of Primitives	142



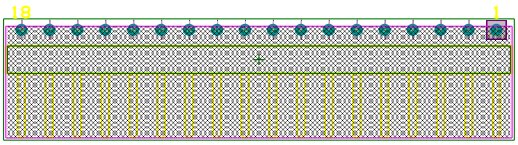
Library Reference	**HDR_THT_18F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 18p
Height	8.5mm
Dimension	46.72mm x 4.3mm
Number of Pads	18
Number of Primitives	39



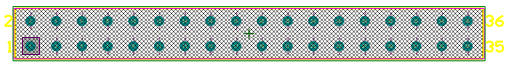
Library Reference	**HDR_THT_18F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 18p
Height	2.5mm
Dimension	46.72mm x 12.4mm
Number of Pads	18
Number of Primitives	39



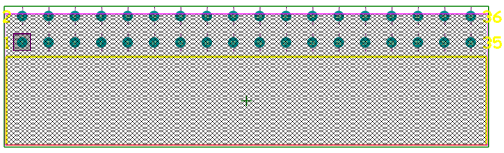
Library Reference	**HDR_THT_18M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 18p
Height	8.54mm
Dimension	46.52mm x 4.42mm
Number of Pads	18
Number of Primitives	39



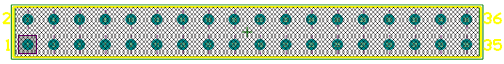
Library Reference	**HDR_THT_18M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 18p
Height	2.54mm
Dimension	46.52mm x 12.62mm
Number of Pads	18
Number of Primitives	111



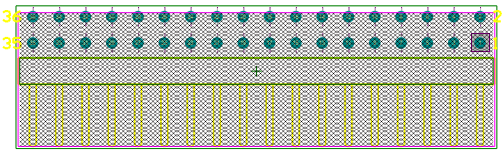
Library Reference	**HDR_THT_18x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 36p
Height	8.4mm
Dimension	49.606mm x 5.58mm
Number of Pads	36
Number of Primitives	59



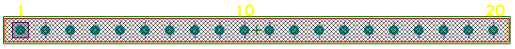
Library Reference	**HDR_THT_18x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 36p
Height	5.08mm
Dimension	48.306mm x 13.65mm
Number of Pads	36
Number of Primitives	59



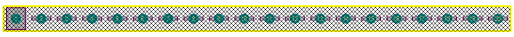
Library Reference	**HDR_THT_18x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 36p
Height	8.54mm
Dimension	49.406mm x 5.58mm
Number of Pads	36
Number of Primitives	59



Library Reference	**HDR_THT_18x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 36p
Height	5.08mm
Dimension	48.446mm x 13.865mm
Number of Pads	36
Number of Primitives	149

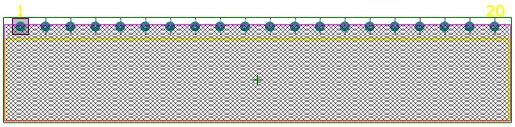


Library Reference	**HDR_THT_20F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 20p
Height	8.5mm
Dimension	51.8mm x 4.3mm
Number of Pads	20
Number of Primitives	42

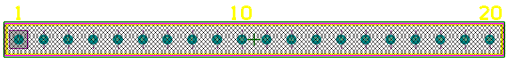


Library Reference	**HDR_THT_20F_2.54mm_military**

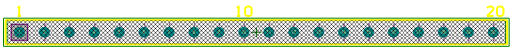
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 20p
Height	0mm
Dimension	51mm x 2.74mm
Number of Pads	20
Number of Primitives	29



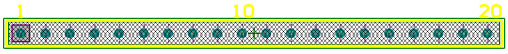
Library Reference	**HDR_THT_20F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 20p
Height	2.5mm
Dimension	51.8mm x 12.4mm
Number of Pads	20
Number of Primitives	41



Library Reference	**HDR_THT_20F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 20p
Height	4.45mm
Dimension	40.5mm x 4.4mm
Number of Pads	20
Number of Primitives	42

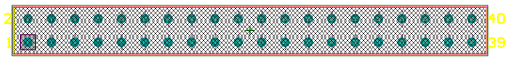


Library Reference	**HDR_THT_20M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 20p
Height	8.54mm
Dimension	51.6mm x 4.42mm
Number of Pads	20
Number of Primitives	42

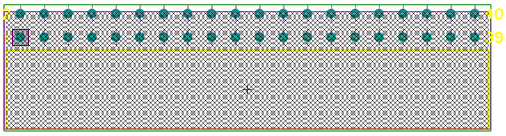


Library Reference	**HDR_THT_20M_2mm**
Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 20p

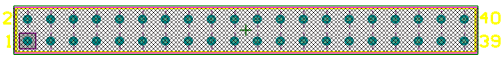
Height	6.35mm
Dimension	40.9mm x 3.925mm
Number of Pads	20
Number of Primitives	42



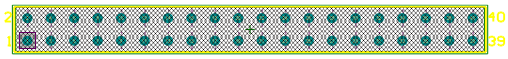
Library Reference	**HDR_THT_20x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 40p
Height	8.4mm
Dimension	54.686mm x 5.58mm
Number of Pads	40
Number of Primitives	63



Library Reference	**HDR_THT_20x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 40p
Height	5.08mm
Dimension	53.386mm x 13.65mm
Number of Pads	40
Number of Primitives	63

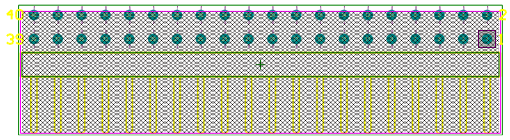


Library Reference	**HDR_THT_20x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 40p
Height	4.45mm
Dimension	43.566mm x 4.5mm
Number of Pads	40
Number of Primitives	63

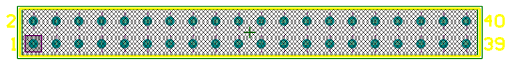


Library Reference	**HDR_THT_20x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 40p
Height	8.54mm
Dimension	54.486mm x 5.58mm

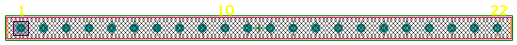
Number of Pads	40
Number of Primitives	63



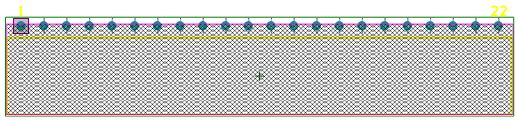
Library Reference	**HDR_THT_20x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 40p
Height	5.08mm
Dimension	53.526mm x 13.865mm
Number of Pads	40
Number of Primitives	163



Library Reference	**HDR_THT_20x2M_2mm**
Description	2.00 mm THT Dual Pin Header, 40p
Height	6mm
Dimension	43.966mm x 4.65mm
Number of Pads	40
Number of Primitives	63

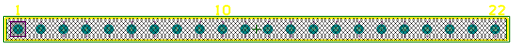


Library Reference	**HDR_THT_22F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 22p
Height	8.5mm
Dimension	56.88mm x 4.3mm
Number of Pads	22
Number of Primitives	44

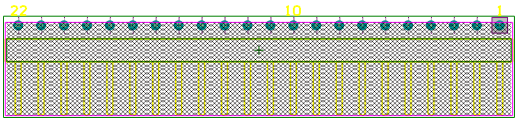


Library Reference	**HDR_THT_22F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 22p
Height	2.5mm
Dimension	56.88mm x 12.4mm
Number of Pads	22

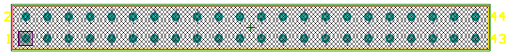
	Number of Primitives	43



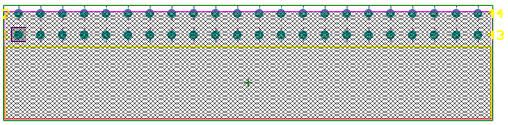
	Library Reference	**HDR_THT_22M_2.54mm**
	Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 22p
	Height	8.54mm
	Dimension	56.68mm x 4.42mm
	Number of Pads	22
	Number of Primitives	44



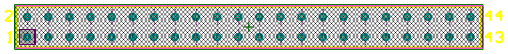
	Library Reference	**HDR_THT_22M_2.54mm_RA**
	Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 22p
	Height	2.54mm
	Dimension	56.68mm x 12.62mm
	Number of Pads	22
	Number of Primitives	132



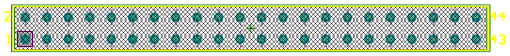
	Library Reference	**HDR_THT_22x2F_2.54mm**
	Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 44p
	Height	8.4mm
	Dimension	59.766mm x 5.58mm
	Number of Pads	44
	Number of Primitives	67



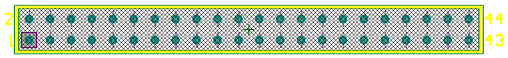
	Library Reference	**HDR_THT_22x2F_2.54mm_RA**
	Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 44p
	Height	5.08mm
	Dimension	58.466mm x 13.65mm
	Number of Pads	44
	Number of Primitives	67



Library Reference	**HDR_THT_22x2F_2mm**
Description	Socket Header, Pitch 2.00 mm, THT, Vertical, dual row, 44p
Height	4.45mm
Dimension	47.566mm x 4.5mm
Number of Pads	44
Number of Primitives	67

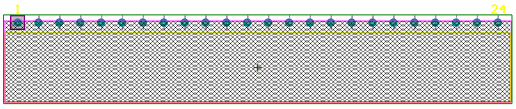


Library Reference	**HDR_THT_22x2M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 44p
Height	8.54mm
Dimension	59.566mm x 5.58mm
Number of Pads	44
Number of Primitives	67



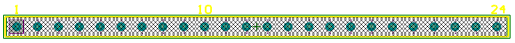
Library Reference	**HDR_THT_22x2M_2mm**
Description	2.00 mm THT Dual Pin Header, 44p
Height	6mm
Dimension	47.966mm x 4.65mm
Number of Pads	44
Number of Primitives	67

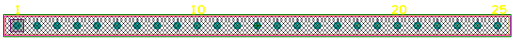
Library Reference	**HDR_THT_24F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 24p
Height	8.5mm
Dimension	61.96mm x 4.3mm
Number of Pads	24
Number of Primitives	47

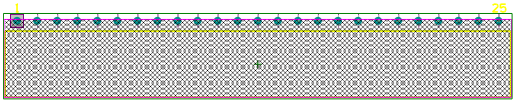


Library Reference	**HDR_THT_24F_2.54mm_RA**

	Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 24p
	Height	2.5mm
	Dimension	61.96mm x 12.4mm
	Number of Pads	24
	Number of Primitives	45

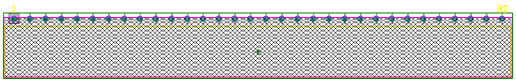
	**Library Reference**	**HDR_THT_24M_2.54mm**
	Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 24p
	Height	8.54mm
	Dimension	61.76mm x 4.42mm
	Number of Pads	24
	Number of Primitives	46

	**Library Reference**	**HDR_THT_25F_2.54mm**
	Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 25p
	Height	8.5mm
	Dimension	64.5mm x 4.3mm
	Number of Pads	25
	Number of Primitives	48

	**Library Reference**	**HDR_THT_25F_2.54mm_RA**
	Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 25p
	Height	2.5mm
	Dimension	64.5mm x 12.4mm
	Number of Pads	25
	Number of Primitives	46

	Library Reference	**HDR_THT_32F_2.54mm**
	Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 32p

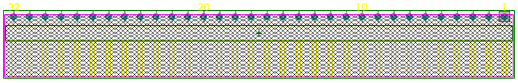
	Height	8.5mm
	Dimension	82.28mm x 4.3mm
	Number of Pads	32
	Number of Primitives	55



	Library Reference	**HDR_THT_32F_2.54mm_RA**
	Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 32p
	Height	2.5mm
	Dimension	82.28mm x 12.4mm
	Number of Pads	32
	Number of Primitives	53

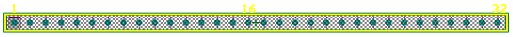
	Library Reference	**HDR_THT_32F_2mm**
	Description	Socket Header, Pitch 2.00 mm, THT, Vertical, single row, 32p
	Height	4.45mm
	Dimension	64.5mm x 4.4mm
	Number of Pads	32
	Number of Primitives	55

	Library Reference	**HDR_THT_32M_2.54mm**
	Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 32p
	Height	8.54mm
	Dimension	82.08mm x 4.42mm
	Number of Pads	32
	Number of Primitives	55

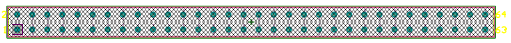


	Library Reference	**HDR_THT_32M_2.54mm_RA**
	Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 32p
	Height	2.54mm
	Dimension	82.08mm x 12.62mm

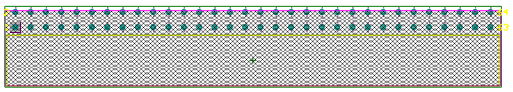
	Number of Pads	32
	Number of Primitives	183



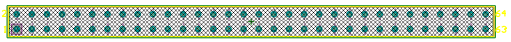
	Library Reference	**HDR_THT_32M_2mm**
	Description	Pin Header, pitch 2.00 mm, THT, Vertical, single row, 32p
	Height	6.35mm
	Dimension	64.9mm x 3.925mm
	Number of Pads	32
	Number of Primitives	54



	Library Reference	**HDR_THT_32x2F_2.54mm**
	Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 64p
	Height	8.4mm
	Dimension	85.166mm x 5.58mm
	Number of Pads	64
	Number of Primitives	87

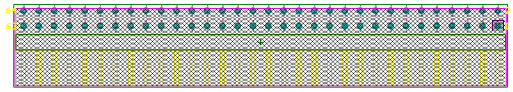


	Library Reference	**HDR_THT_32x2F_2.54mm_RA**
	Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 64p
	Height	5.08mm
	Dimension	83.866mm x 13.65mm
	Number of Pads	64
	Number of Primitives	87

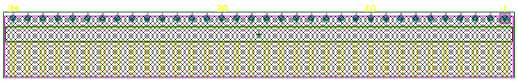


	Library Reference	**HDR_THT_32x2M_2.54mm**
	Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 64p
	Height	8.54mm
	Dimension	84.966mm x 5.58mm
	Number of Pads	64

	Number of Primitives	87

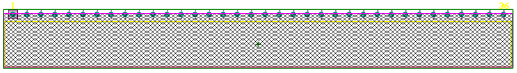


Library Reference	**HDR_THT_32x2M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 64p
Height	5.08mm
Dimension	84.006mm x 13.865mm
Number of Pads	64
Number of Primitives	247



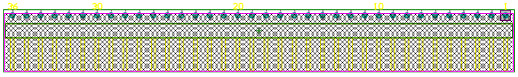
Library Reference	**HDR_THT_34M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 34p
Height	2.54mm
Dimension	87.16mm x 12.62mm
Number of Pads	34
Number of Primitives	193

Library Reference	**HDR_THT_36F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 36p
Height	8.5mm
Dimension	92.44mm x 4.3mm
Number of Pads	36
Number of Primitives	60

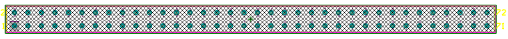


Library Reference	**HDR_THT_36F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 36p
Height	2.5mm
Dimension	92.44mm x 12.4mm
Number of Pads	36
Number of Primitives	57

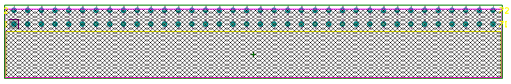
Library Reference	**HDR_THT_36M_2.54mm**
Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 36p
Height	8.54mm
Dimension	92.24mm x 4.42mm
Number of Pads	36
Number of Primitives	60



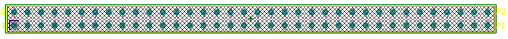
Library Reference	**HDR_THT_36M_2.54mm_RA**
Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 36p
Height	2.54mm
Dimension	92.24mm x 12.62mm
Number of Pads	36
Number of Primitives	204



Library Reference	**HDR_THT_36x2F_2.54mm**
Description	Socket Header, Pitch 2.54 mm, THT, Vertical, dual row, 72p
Height	8.4mm
Dimension	95.326mm x 5.58mm
Number of Pads	72
Number of Primitives	95

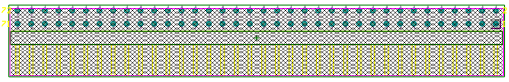


Library Reference	**HDR_THT_36x2F_2.54mm_RA**
Description	Socket Header, Pitch 2.54 mm, THT, Angled, dual row, 72p
Height	5.08mm
Dimension	94.026mm x 13.65mm
Number of Pads	72
Number of Primitives	95

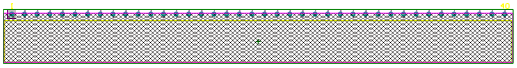


Library Reference	**HDR_THT_36x2M_2.54mm**

	Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 72p
	Height	8.54mm
	Dimension	95.126mm x 5.58mm
	Number of Pads	72
	Number of Primitives	95

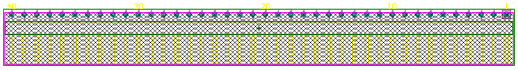
	**Library Reference**	**HDR_THT_36x2M_2.54mm_RA**
	Description	Pin Header, pitch 2.54 mm, THT, Angled, dual row, 72p
	Height	5.08mm
	Dimension	94.166mm x 13.865mm
	Number of Pads	72
	Number of Primitives	275

	Library Reference	**HDR_THT_40F_2.54mm**
	Description	Socket Header, Pitch 2.54 mm, THT, Vertical, single row, 40p
	Height	8.5mm
	Dimension	102.6mm x 4.3mm
	Number of Pads	40
	Number of Primitives	64

	**Library Reference**	**HDR_THT_40F_2.54mm_RA**
	Description	Socket Header, Pitch 2.54 mm, THT, Angled, single row, 40p
	Height	2.5mm
	Dimension	102.6mm x 12.4mm
	Number of Pads	40
	Number of Primitives	61

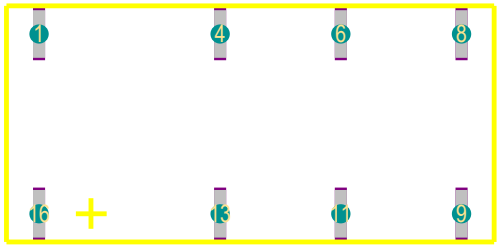
	Library Reference	**HDR_THT_40M_2.54mm**
	Description	Pin Header, pitch 2.54 mm, THT, Vertical, single row, 40p

	Height	8.54mm
	Dimension	102.4mm x 4.42mm
	Number of Pads	40
	Number of Primitives	64

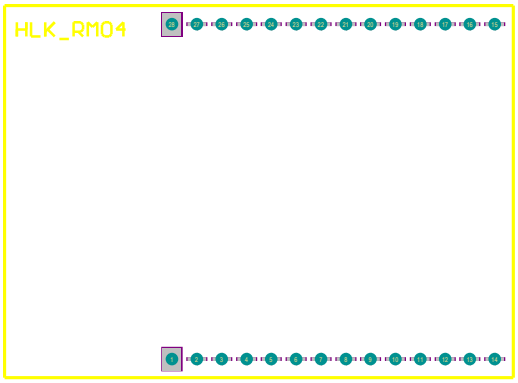


	Library Reference	**HDR_THT_40M_2.54mm_RA**
	Description	Pin Header, pitch 2.54 mm, THT, Angled, single row, 40p
	Height	2.54mm
	Dimension	102.4mm x 12.62mm
	Number of Pads	40
	Number of Primitives	224

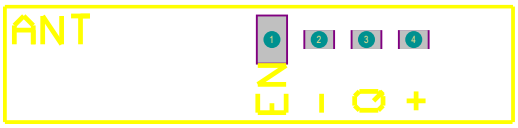
	Library Reference	**HDR_THT_40x2M_2.54mm**
	Description	Pin Header, pitch 2.54 mm, THT, Vertical, dual row, 80p
	Height	8.54mm
	Dimension	105.286mm x 5.58mm
	Number of Pads	80
	Number of Primitives	103



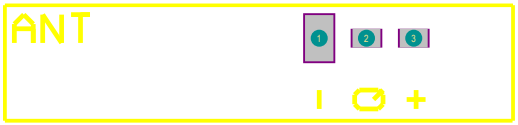
	Library Reference	**HJR 1-2C**
	Description	
	Height	11.8mm
	Dimension	20.7mm x 10.2mm
	Number of Pads	8
	Number of Primitives	13



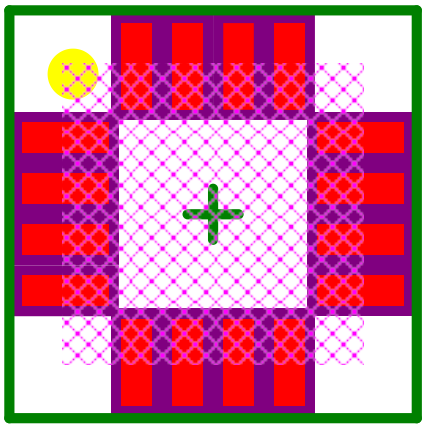
Library Reference	**HLK_RM04**
Description	
Height	0mm
Dimension	41.254mm x 30.254mm
Number of Pads	28
Number of Primitives	33



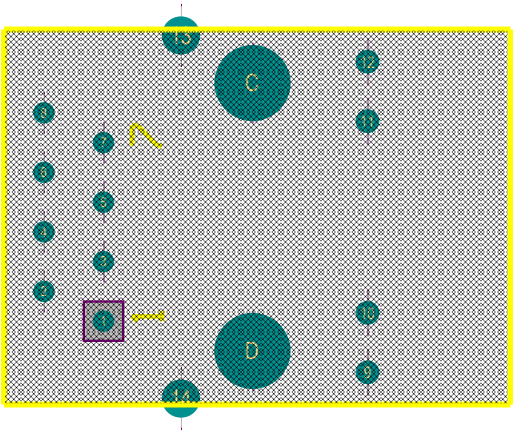
Library Reference	**HM-R**
Description	Connector; Header; 4 Position
Height	0mm
Dimension	27.505mm x 6.423mm
Number of Pads	4
Number of Primitives	13



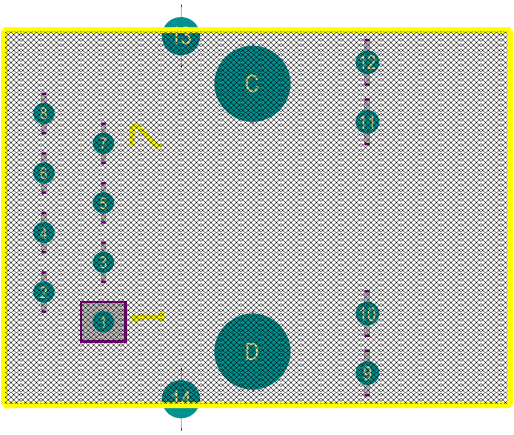
Library Reference	**HM-T**
Description	Connector; Header; 3 Position
Height	0mm
Dimension	27.505mm x 6.423mm
Number of Pads	3
Number of Primitives	11



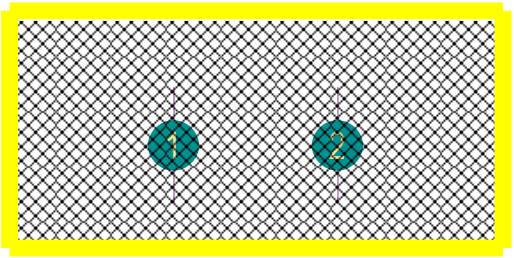
Library Reference	**HMC5883L**
Description	HMC5883L 3-Axis Digital Compass IC
Height	0.9mm
Dimension	4.164mm x 4.164mm
Number of Pads	16
Number of Primitives	24



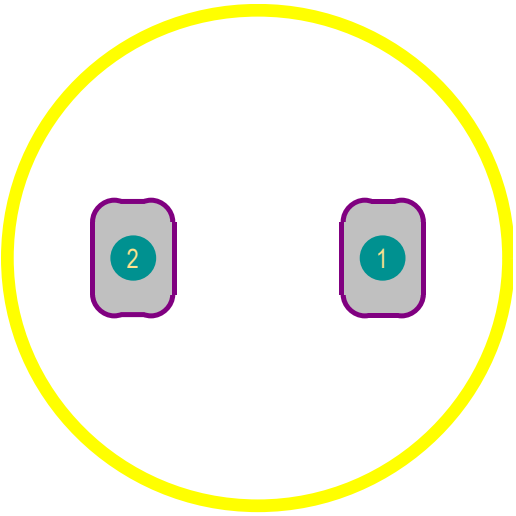
Library Reference	**HR911105A**
Description	HR911105A
Height	0mm
Dimension	21.837mm x 18.193mm
Number of Pads	16
Number of Primitives	23



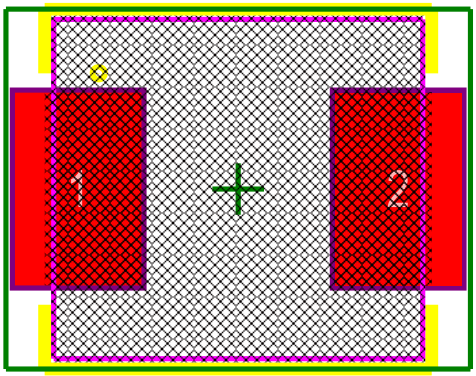
Library Reference	**HR911105A_N**
Description	HR911105A_N
Height	0mm
Dimension	21.837mm x 18.193mm
Number of Pads	16
Number of Primitives	23



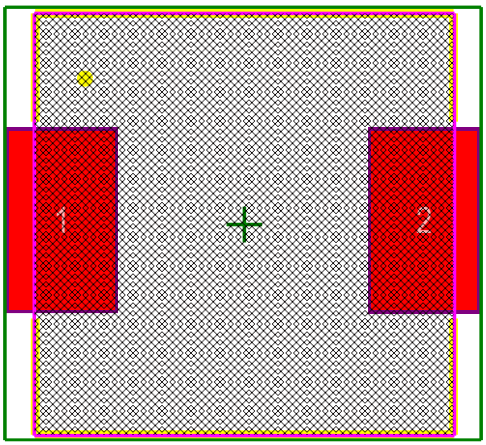
Library Reference	**HR_202**
Description	
Height	0mm
Dimension	7.614mm x 3.814mm
Number of Pads	2
Number of Primitives	7



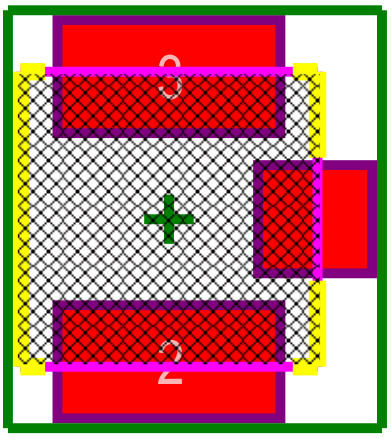
Library Reference	**HS1101**
Description	HUMIDITY SENSOR
Height	6mm
Dimension	10.254mm x 10.254mm
Number of Pads	2
Number of Primitives	3



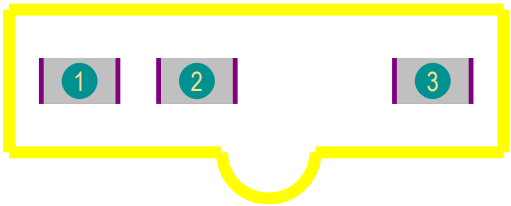
Library Reference	**IHLP2525CZ**
Description	Vishay IHLP2525CZ SMT Inductor,6.86x6.86x3mm
Height	3mm
Dimension	9.244mm x 7.366mm
Number of Pads	2
Number of Primitives	22



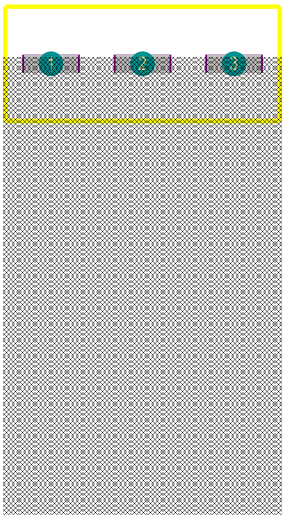
Library Reference	**IHLP4040DZ**
Description	Vishay HLP4040 SMT Inductor,11.5x11.5x4mm
Height	4mm
Dimension	13.689mm x 12.394mm
Number of Pads	2
Number of Primitives	20



Library Reference	**IPEX-3x3mm**
Description	U.FL-R-SMT
Height	1.25mm
Dimension	3.935mm x 4.418mm
Number of Pads	3
Number of Primitives	21



Library Reference	**IR10**
Description	
Height	0mm
Dimension	10.754mm x 4.254mm
Number of Pads	3
Number of Primitives	9

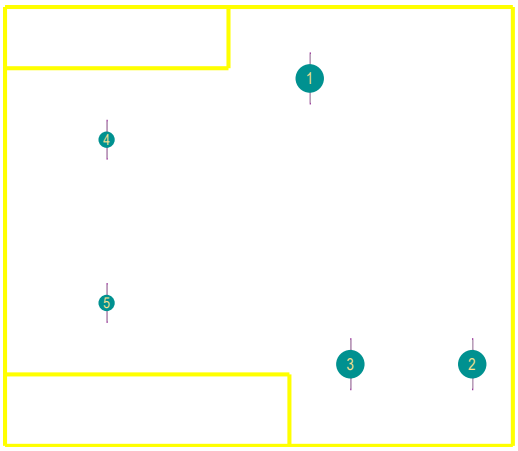


Library Reference	**IRFP460-NMOS**
Description	IRFP460-NMOS
Height	20mm
Dimension	15.5mm x 28.321mm
Number of Pads	3
Number of Primitives	8

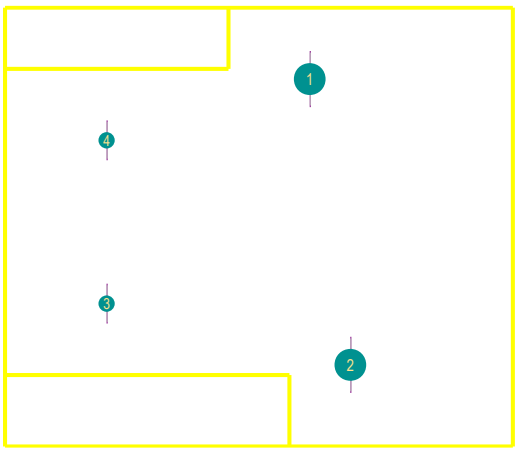
Library Reference	**JMP-0.4**
Description	
Height	0mm
Dimension	12.7mm x 2.54mm

Number of Pads	2
Number of Primitives	5

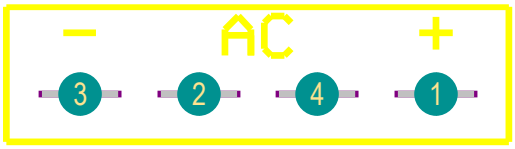
Library Reference	**JMP-0.5**
Description	
Height	0mm
Dimension	14.803mm x 2.103mm
Number of Pads	2
Number of Primitives	3



Library Reference	**JTN1AS - SPDT**
Description	
Height	0mm
Dimension	32.004mm x 27.559mm
Number of Pads	5
Number of Primitives	13

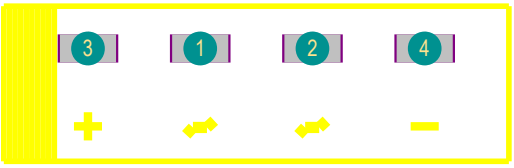


Library Reference	**JTN1AS - SPST**
Description	
Height	0mm
Dimension	32.004mm x 27.559mm
Number of Pads	4
Number of Primitives	12

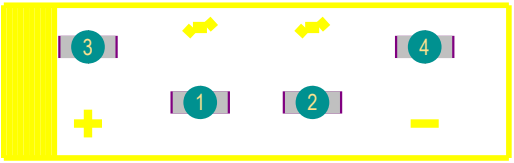


Library Reference	**KBP30XG**
Description	Glass Passivated Single-Phase Bridge Rectifier 3A

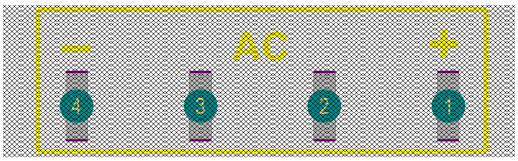
Height	11.68mm
Dimension	15.44mm x 4.278mm
Number of Pads	4
Number of Primitives	12



Library Reference	**KBU6**
Description	
Height	0mm
Dimension	23.114mm x 7.239mm
Number of Pads	4
Number of Primitives	21

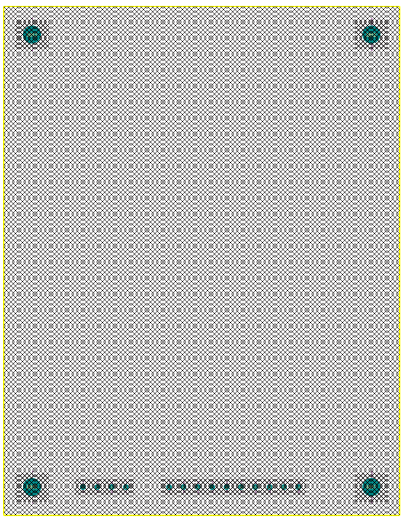


Library Reference	**KBU6N**
Description	
Height	0mm
Dimension	23.114mm x 7.239mm
Number of Pads	4
Number of Primitives	21

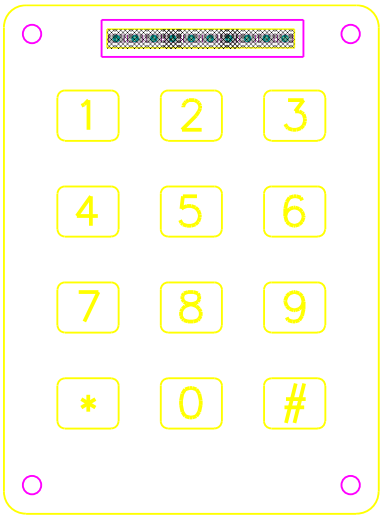


Library Reference	**KBU1010**
Description	Bridge Rectifiers, Lead Spacing 4mm
Height	16.5mm
Dimension	23.2mm x 6.95mm
Number of Pads	4
Number of Primitives	14

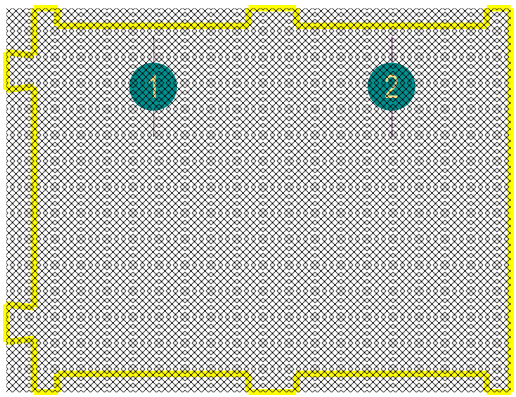
Library Reference	**KC24H**
Description	LED Driver
Height	0mm
Dimension	23.114mm x 12.954mm
Number of Pads	6
Number of Primitives	10



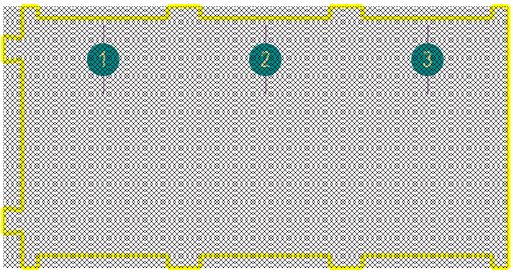
Library Reference	**Keyboard**
Description	Matrix Keyboard 4x4
Height	0mm
Dimension	70.254mm x 90.254mm
Number of Pads	18
Number of Primitives	29



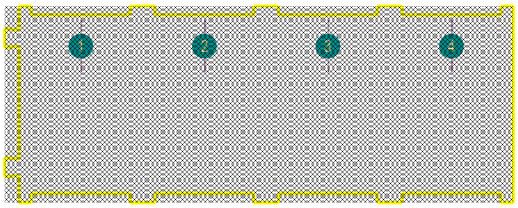
Library Reference	**KEYPAD_4x3_BROWN**
Description	KEYPAD_4x3_BROWN
Height	8mm
Dimension	51.054mm x 69.054mm
Number of Pads	10
Number of Primitives	141



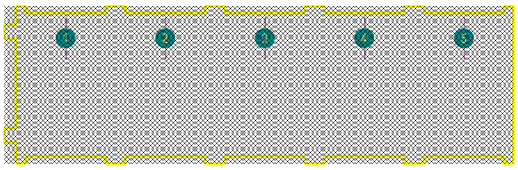
Library Reference	**KF762_2Pin_P7.62mm**
Description	Terminal Block; 2Pin; Pitch 7.62mm; Body 1614x1220mm
Height	12.4mm
Dimension	16.34mm x 12.4mm
Number of Pads	2
Number of Primitives	31



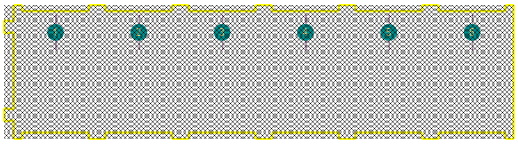
Library Reference	**KF762_3Pin_P7.62mm**
Description	Terminal Block; 3Pin; Pitch 7.62mm; Body 2376x1220mm
Height	12.4mm
Dimension	23.96mm x 12.4mm
Number of Pads	3
Number of Primitives	40



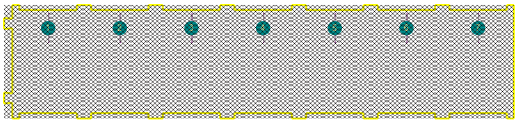
Library Reference	**KF762_4Pin_P7.62mm**
Description	Terminal Block; 4Pin; Pitch 7.62mm; Body 3138x1220mm
Height	12.4mm
Dimension	31.58mm x 12.4mm
Number of Pads	4
Number of Primitives	49



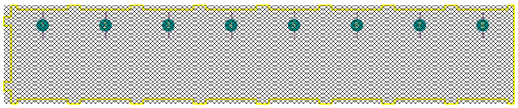
Library Reference	**KF762_5Pin_P7.62mm**
Description	Terminal Block; 5Pin; Pitch 7.62mm; Body 3900x1220mm
Height	12.4mm
Dimension	39.2mm x 12.4mm
Number of Pads	5
Number of Primitives	58



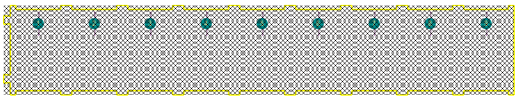
Library Reference	**KF762_6Pin_P7.62mm**
Description	Terminal Block; 6Pin; Pitch 7.62mm; Body 4662x1220mm
Height	12.4mm
Dimension	46.82mm x 12.4mm
Number of Pads	6
Number of Primitives	67



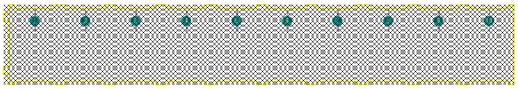
Library Reference	**KF762_7Pin_P7.62mm**
Description	Terminal Block; 7Pin; Pitch 7.62mm; Body 5424x1220mm
Height	12.4mm
Dimension	54.44mm x 12.4mm
Number of Pads	7
Number of Primitives	76



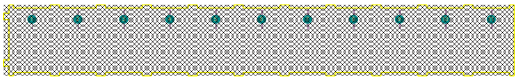
Library Reference	**KF762_8Pin_P7.62mm**
Description	Terminal Block; 8Pin; Pitch 7.62mm; Body 6186x1220mm
Height	12.4mm
Dimension	62.06mm x 12.4mm
Number of Pads	8
Number of Primitives	85



Library Reference	**KF762_9Pin_P7.62mm**
Description	Terminal Block; 9Pin; Pitch 7.62mm; Body 6948x1220mm
Height	12.4mm
Dimension	69.68mm x 12.4mm
Number of Pads	9
Number of Primitives	94

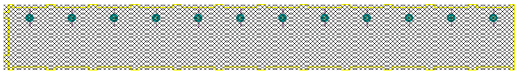


Library Reference	**KF762_10Pin_P7.62mm**
Description	Terminal Block; 10Pin; Pitch 7.62mm; Body 7710x1220mm
Height	12.4mm
Dimension	77.3mm x 12.4mm
Number of Pads	10
Number of Primitives	103

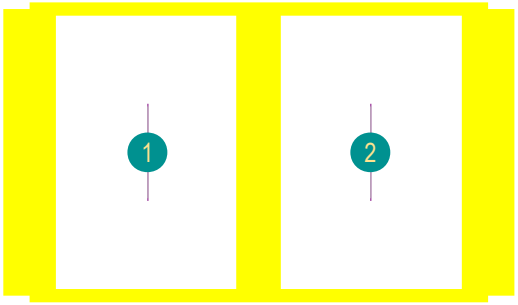


Library Reference	**KF762_11Pin_P7.62mm**

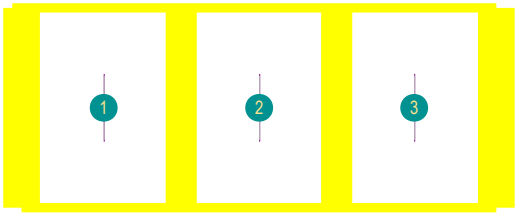
Description	Terminal Block; 11Pin; Pitch 7.62mm; Body 8472x1220mm
Height	12.4mm
Dimension	84.92mm x 12.4mm
Number of Pads	11
Number of Primitives	112



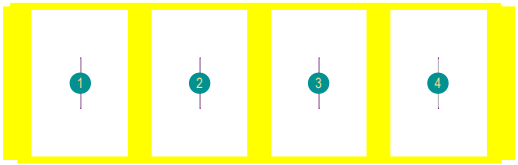
Library Reference	**KF762_12Pin_P7.62mm**
Description	Terminal Block; 12Pin; Pitch 7.62mm; Body 9234x1220mm
Height	12.4mm
Dimension	92.54mm x 12.4mm
Number of Pads	12
Number of Primitives	121



Library Reference	**KF-35-2**
Description	
Height	0mm
Dimension	19.5mm x 13mm
Number of Pads	2
Number of Primitives	7

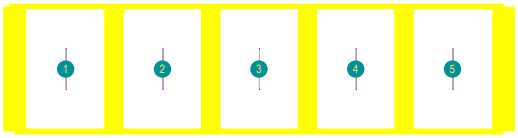


Library Reference	**KF-35-3**
Description	
Height	0mm
Dimension	28mm x 13mm
Number of Pads	3
Number of Primitives	9

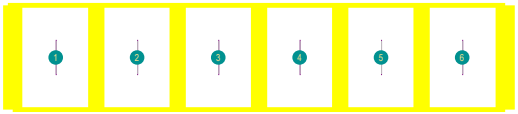


Library Reference	**KF-35-4**
Description	
Height	0mm
Dimension	36.5mm x 13mm

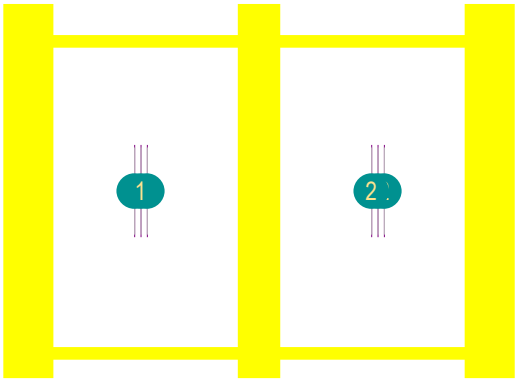
Number of Pads	4
Number of Primitives	11



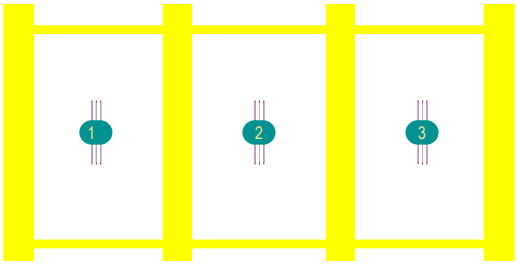
Library Reference	**KF-35-5**
Description	
Height	0mm
Dimension	45mm x 13mm
Number of Pads	5
Number of Primitives	13



Library Reference	**KF-35-6**
Description	
Height	0mm
Dimension	53.5mm x 13mm
Number of Pads	6
Number of Primitives	15

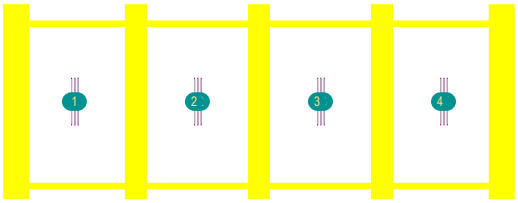


Library Reference	**KF-45-2**
Description	
Height	0mm
Dimension	20.5mm x 17mm
Number of Pads	6
Number of Primitives	11

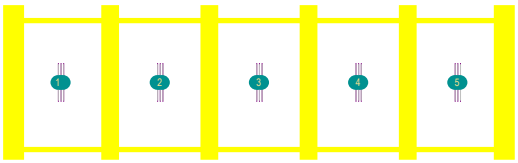


Library Reference	**KF-45-3**
Description	
Height	0mm
Dimension	29.8mm x 16.8mm
Number of Pads	9

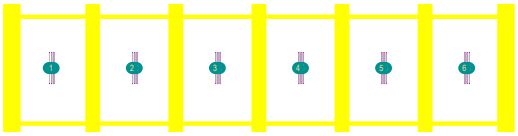
Number of Primitives	15



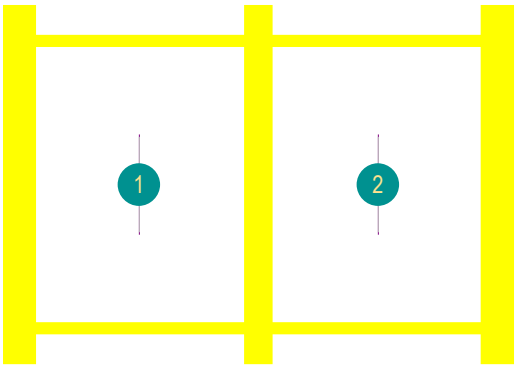
Library Reference	**KF-45-4**
Description	
Height	0mm
Dimension	39.5mm x 17mm
Number of Pads	12
Number of Primitives	19



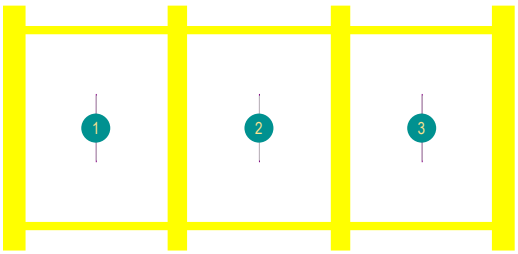
Library Reference	**KF-45-5**
Description	
Height	0mm
Dimension	49mm x 17mm
Number of Pads	15
Number of Primitives	23



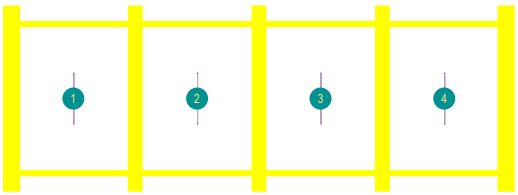
Library Reference	**KF-45-6**
Description	
Height	0mm
Dimension	58.5mm x 17mm
Number of Pads	18
Number of Primitives	27



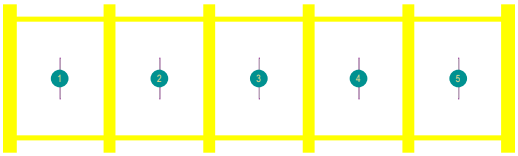
Library Reference	**KF-55-2**
Description	
Height	0mm
Dimension	21.4mm x 16.4mm
Number of Pads	2
Number of Primitives	7



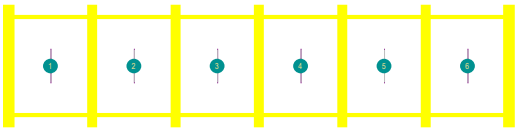
Library Reference	**KF-55-3**
Description	
Height	0mm
Dimension	31.4mm x 16.4mm
Number of Pads	3
Number of Primitives	9



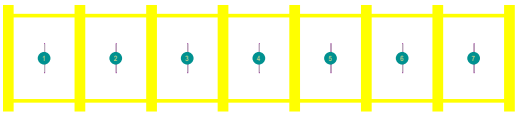
Library Reference	**KF-55-4**
Description	
Height	0mm
Dimension	41.4mm x 16.4mm
Number of Pads	4
Number of Primitives	11



Library Reference	**KF-55-5**
Description	
Height	0mm
Dimension	51.4mm x 16.4mm
Number of Pads	5
Number of Primitives	13

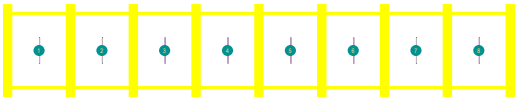


Library Reference	**KF-55-6**
Description	
Height	0mm
Dimension	61.4mm x 16.4mm
Number of Pads	6
Number of Primitives	15

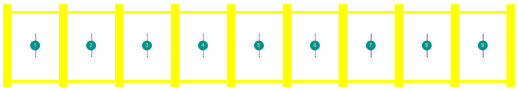


Library Reference	**KF-55-7**
Description	
Height	0mm
Dimension	71.5mm x 16.5mm

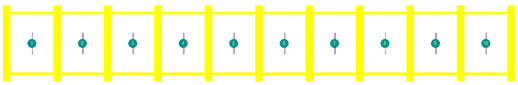
Number of Pads	7
Number of Primitives	17



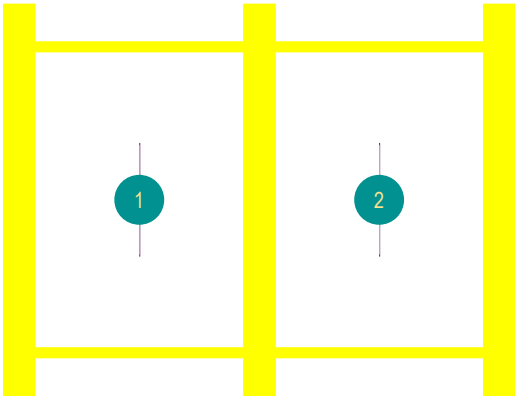
Library Reference	**KF-55-8**
Description	
Height	0mm
Dimension	81.5mm x 16.5mm
Number of Pads	8
Number of Primitives	19



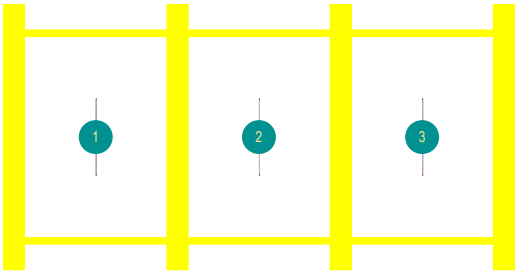
Library Reference	**KF-55-9**
Description	
Height	0mm
Dimension	91.5mm x 16.5mm
Number of Pads	9
Number of Primitives	21



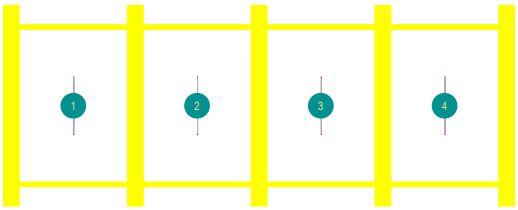
Library Reference	**KF-55-10**
Description	
Height	0mm
Dimension	101.5mm x 16.5mm
Number of Pads	10
Number of Primitives	23



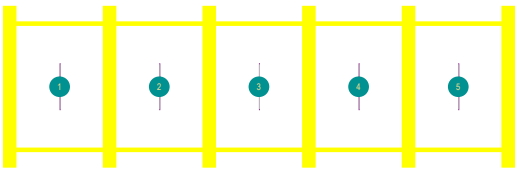
Library Reference	**KF-65-2**
Description	
Height	0mm
Dimension	23.5mm x 19.5mm
Number of Pads	2
Number of Primitives	7



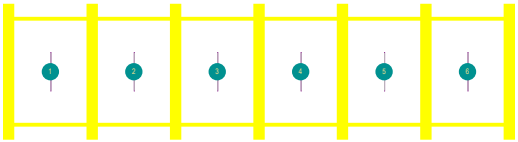
Library Reference	**KF-65-3**
Description	
Height	0mm
Dimension	34.5mm x 19.5mm
Number of Pads	3
Number of Primitives	9



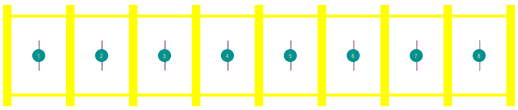
Library Reference	**KF-65-4**
Description	
Height	0mm
Dimension	45.5mm x 19.5mm
Number of Pads	4
Number of Primitives	11



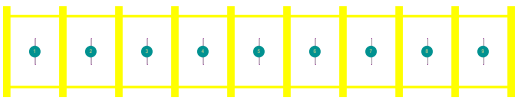
Library Reference	**KF-65-5**
Description	
Height	0mm
Dimension	56.5mm x 19.5mm
Number of Pads	5
Number of Primitives	13



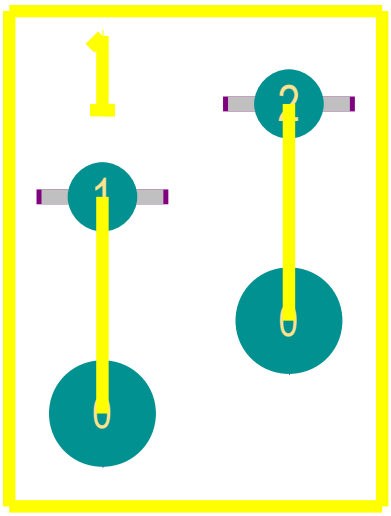
Library Reference	**KF-65-6**
Description	
Height	0mm
Dimension	67.5mm x 19.5mm
Number of Pads	6
Number of Primitives	15



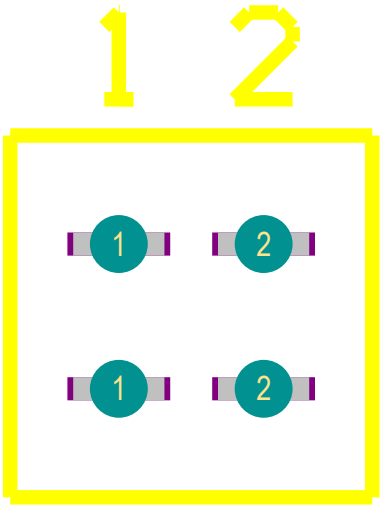
Library Reference	**KF-65-8**
Description	
Height	0mm
Dimension	89.52mm x 19.5mm
Number of Pads	8
Number of Primitives	19



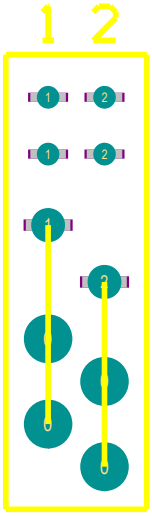
Library Reference	**KF-65-9**
Description	
Height	0mm
Dimension	100.52mm x 19.5mm
Number of Pads	9
Number of Primitives	21



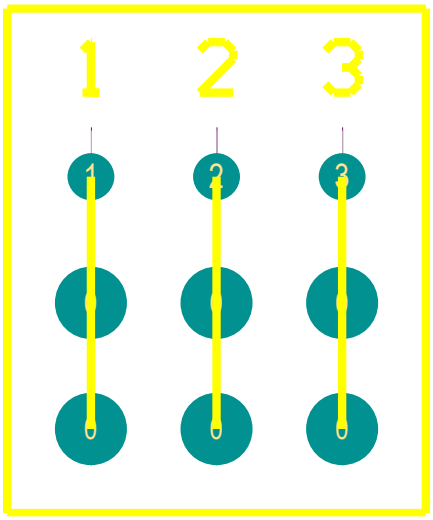
Library Reference	**KnitBoard-2-1**
Description	
Height	0mm
Dimension	7.874mm x 10.414mm
Number of Pads	4
Number of Primitives	11



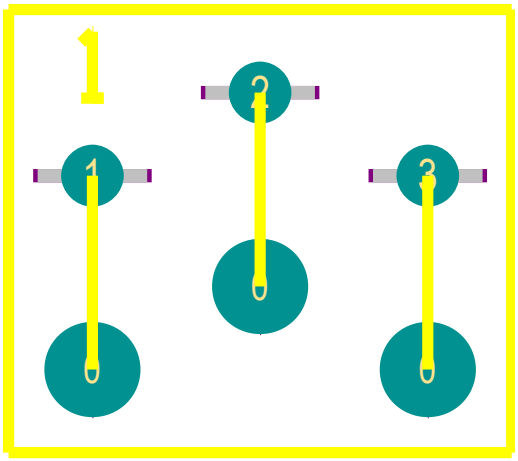
Library Reference	**KnitBoard-2-2-b**
Description	
Height	0mm
Dimension	6.604mm x 8.89mm
Number of Pads	4
Number of Primitives	10



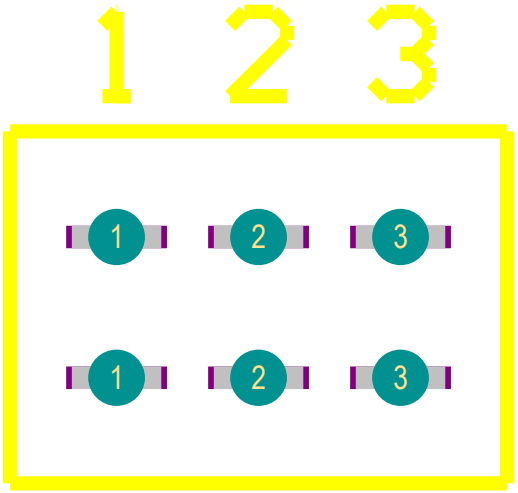
Library Reference	**KnitBoard-2-2-T**
Description	
Height	0mm
Dimension	6.604mm x 22.86mm
Number of Pads	10
Number of Primitives	18



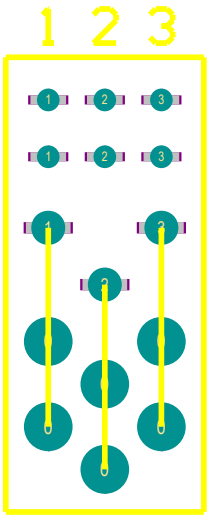
Library Reference	**KnitBoard-3**
Description	
Height	0mm
Dimension	12.954mm x 15.494mm
Number of Pads	9
Number of Primitives	19



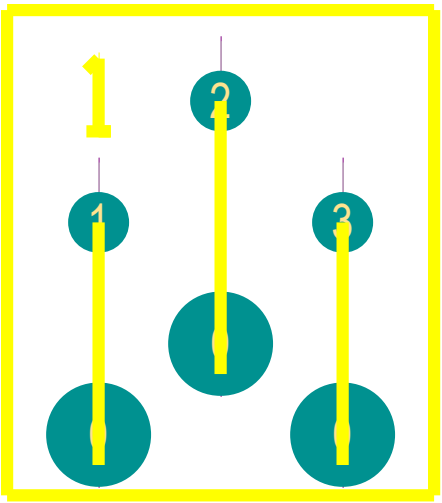
Library Reference	**KnitBoard-3-1**
Description	
Height	0mm
Dimension	11.684mm x 10.414mm
Number of Pads	6
Number of Primitives	14



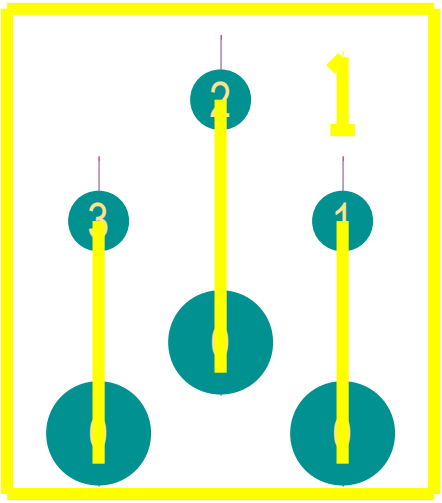
Library Reference	**KnitBoard-3-2-b**
Description	
Height	0mm
Dimension	9.144mm x 8.89mm
Number of Pads	6
Number of Primitives	13



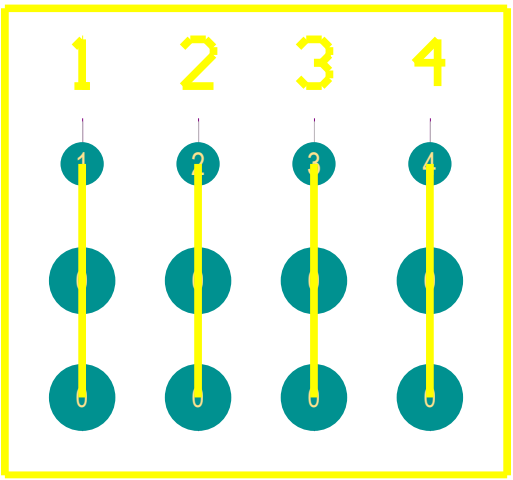
Library Reference	**KnitBoard-3-2-T**
Description	
Height	0mm
Dimension	9.144mm x 22.86mm
Number of Pads	15
Number of Primitives	25



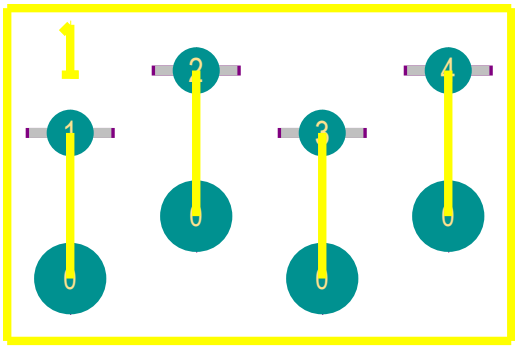
Library Reference	**KnitBoard-3N**
Description	
Height	0mm
Dimension	9.144mm x 10.414mm
Number of Pads	6
Number of Primitives	14



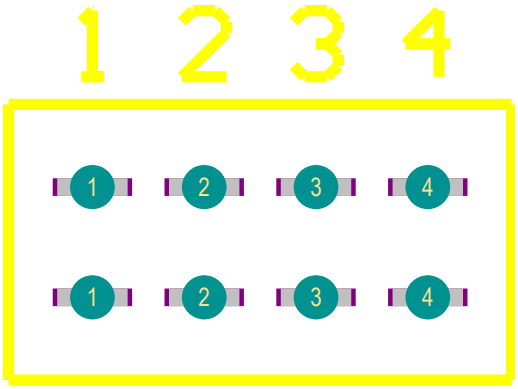
Library Reference	**KnitBoard-3NM**
Description	
Height	0mm
Dimension	9.144mm x 10.414mm
Number of Pads	6
Number of Primitives	14



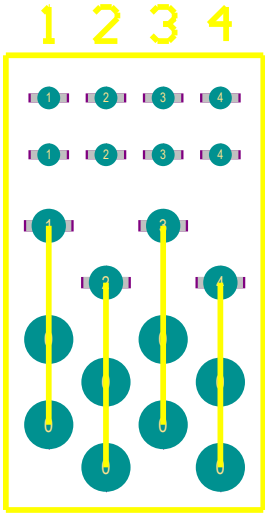
Library Reference	**KnitBoard-4**
Description	
Height	0mm
Dimension	16.764mm x 15.494mm
Number of Pads	12
Number of Primitives	24



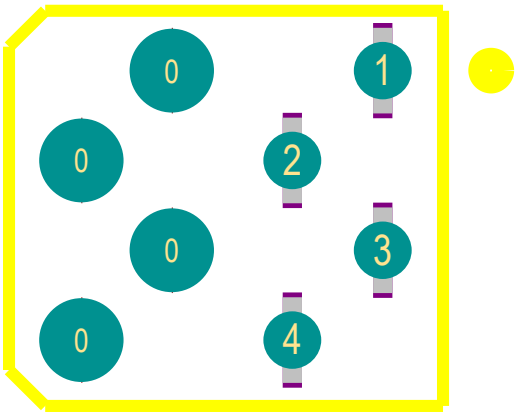
Library Reference	**KnitBoard-4-1**
Description	
Height	0mm
Dimension	15.494mm x 10.414mm
Number of Pads	8
Number of Primitives	17



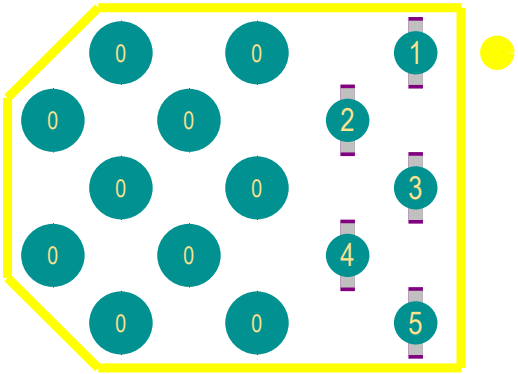
Library Reference	**KnitBoard-4-2-b**
Description	
Height	0mm
Dimension	11.684mm x 8.89mm
Number of Pads	8
Number of Primitives	16



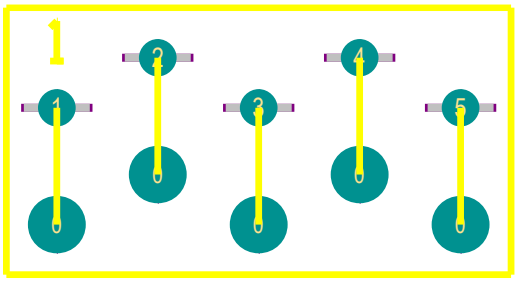
Library Reference	**KnitBoard-4-2-T**
Description	
Height	0mm
Dimension	11.684mm x 22.86mm
Number of Pads	20
Number of Primitives	32



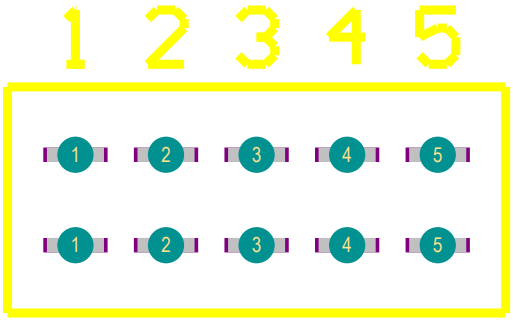
Library Reference	**KNITBOARD-4 -Small**
Description	p?
Height	0mm
Dimension	10.768mm x 8.636mm
Number of Pads	8
Number of Primitives	15



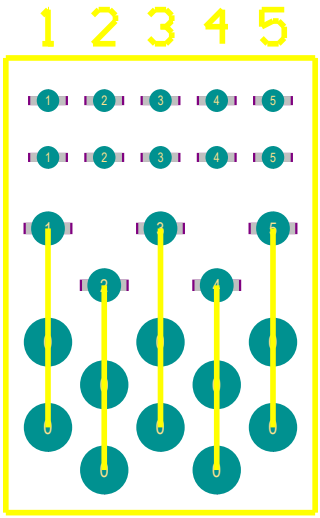
Library Reference	**KNITBOARD-5**
Description	
Height	0mm
Dimension	14.324mm x 10.414mm
Number of Pads	15
Number of Primitives	22



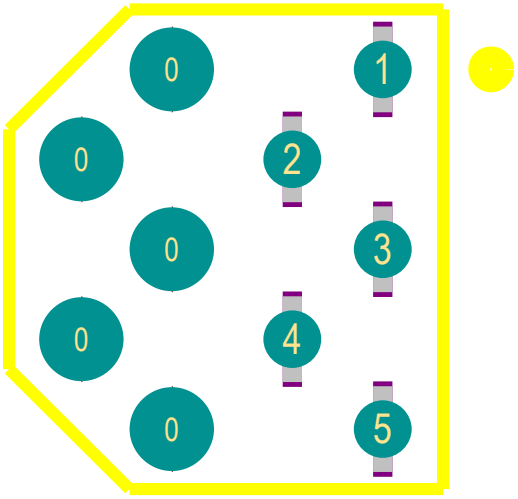
Library Reference	**KnitBoard-5-1**
Description	
Height	0mm
Dimension	19.304mm x 10.414mm
Number of Pads	10
Number of Primitives	20



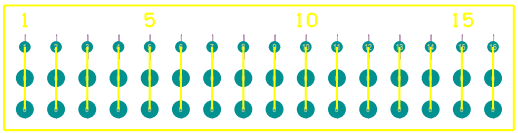
Library Reference	**KnitBoard-5-2-b**
Description	
Height	0mm
Dimension	14.224mm x 8.89mm
Number of Pads	10
Number of Primitives	19



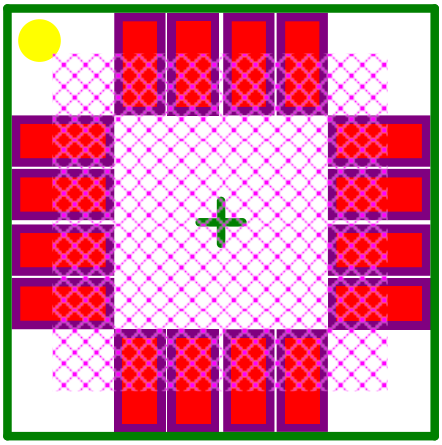
Library Reference	**KnitBoard-5-2-T**
Description	
Height	0mm
Dimension	14.224mm x 22.86mm
Number of Pads	25
Number of Primitives	39



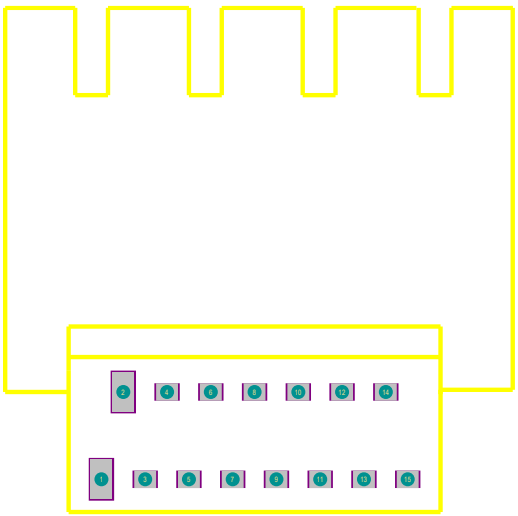
Library Reference	**KNITBOARD-5 -Small**
Description	p?
Height	0mm
Dimension	10.768mm x 10.414mm
Number of Pads	10
Number of Primitives	17



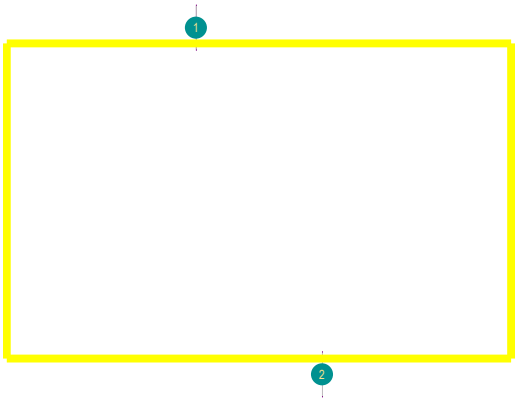
Library Reference	**KnitBoard-16**
Description	
Height	0mm
Dimension	62.484mm x 15.494mm
Number of Pads	48
Number of Primitives	72



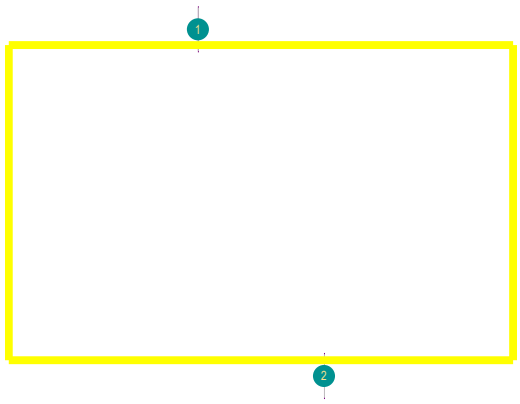
Library Reference	**L3G4200D**
Description	L3G4200D MEMS motion sensor: ultra-stable three-axis digital output gyroscope
Height	1.1mm
Dimension	5.18mm x 5.18mm
Number of Pads	16
Number of Primitives	24



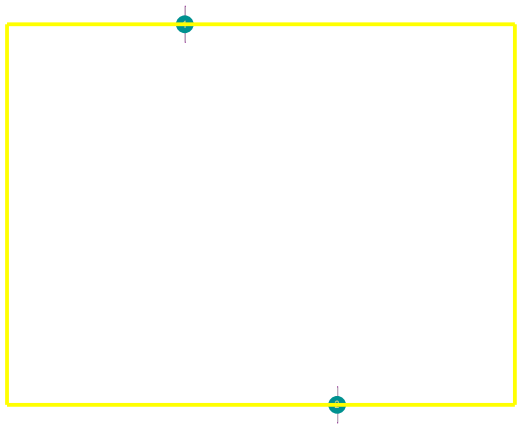
Library Reference	**L298N**
Description	L298N
Height	0mm
Dimension	29.718mm x 29.591mm
Number of Pads	15
Number of Primitives	44



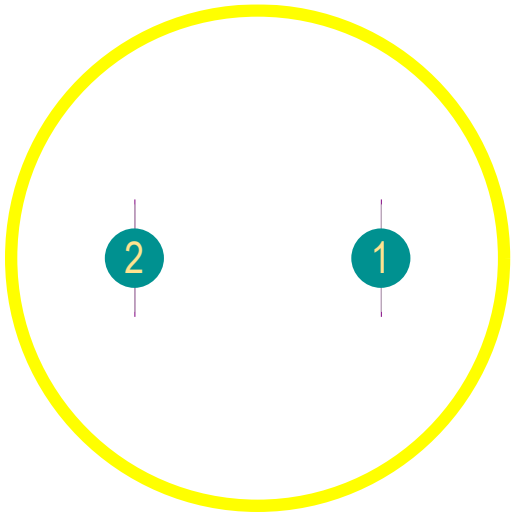
Library Reference	**L-PFC**
Description	
Height	0mm
Dimension	41.275mm x 31.643mm
Number of Pads	2
Number of Primitives	6



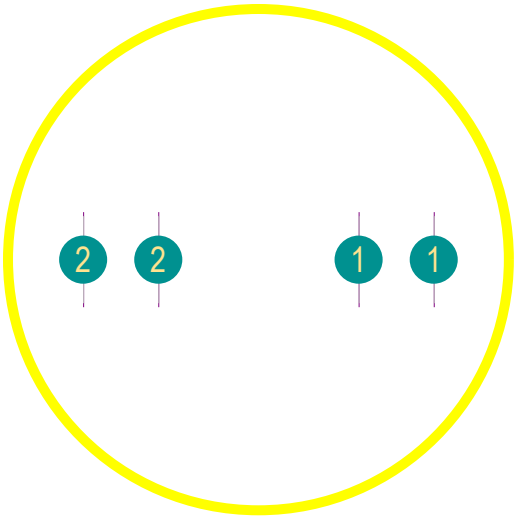
Library Reference	**L-PFC1**
Description	
Height	0mm
Dimension	41.275mm x 31.643mm
Number of Pads	2
Number of Primitives	6



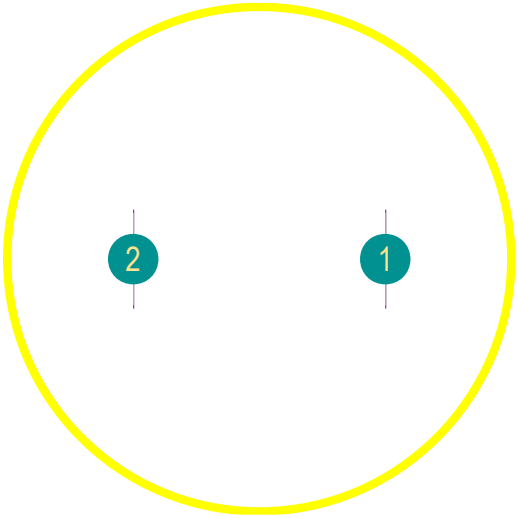
Library Reference	**L-PFC2**
Description	
Height	0mm
Dimension	51.181mm x 41.803mm
Number of Pads	2
Number of Primitives	6



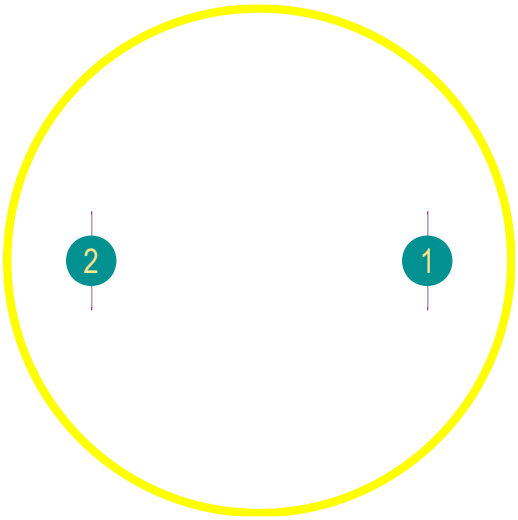
Library Reference	**L.2/.4**
Description	
Height	0mm
Dimension	10.414mm x 10.414mm
Number of Pads	2
Number of Primitives	3



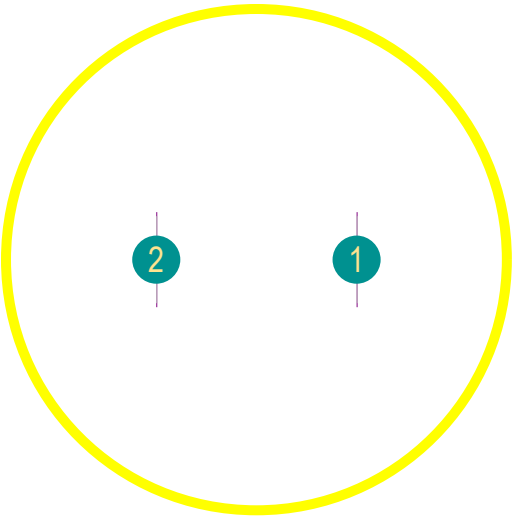
Library Reference	**L.2/.5D**
Description	
Height	0mm
Dimension	12.954mm x 12.954mm
Number of Pads	4
Number of Primitives	5



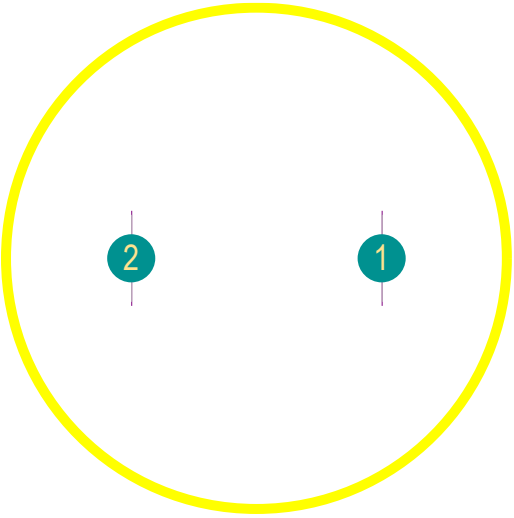
Library Reference	**L.3/.6**
Description	
Height	0mm
Dimension	15.494mm x 15.494mm
Number of Pads	2
Number of Primitives	3



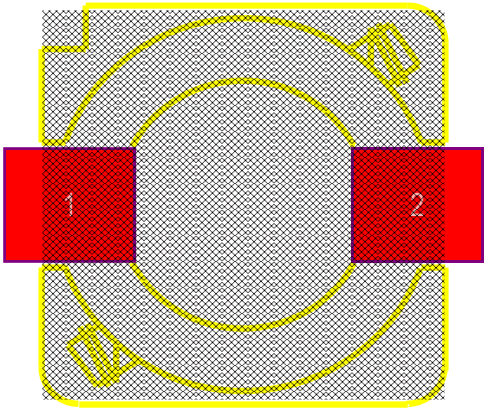
Library Reference	**L.4/.6**
Description	
Height	0mm
Dimension	15.494mm x 15.494mm
Number of Pads	2
Number of Primitives	3



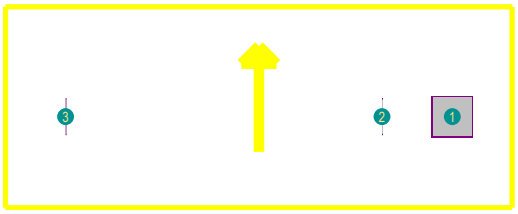
Library Reference	**L.20/.5**
Description	
Height	0mm
Dimension	12.954mm x 12.954mm
Number of Pads	2
Number of Primitives	3



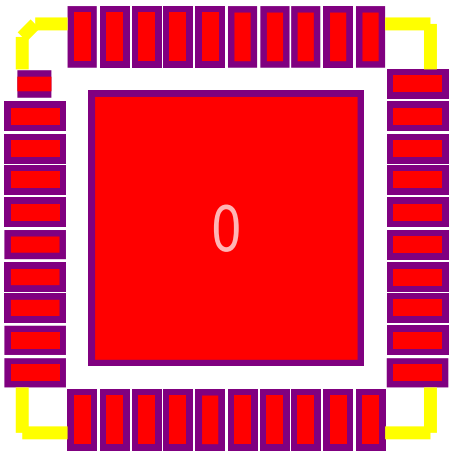
Library Reference	**L.25/.5**
Description	
Height	0mm
Dimension	12.954mm x 12.954mm
Number of Pads	2
Number of Primitives	3



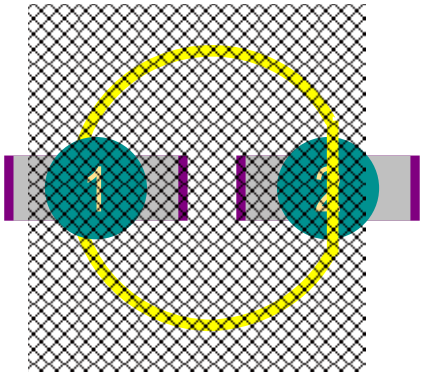
Library Reference	**L_125X125X75**
Description	Footprint Recommanded For TDK
Height	0mm
Dimension	15.2mm x 13mm
Number of Pads	2
Number of Primitives	34



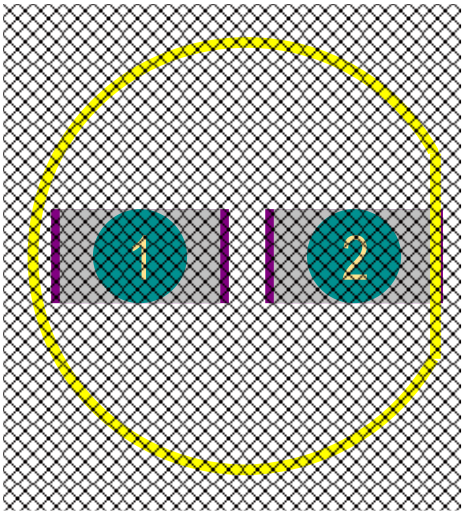
Library Reference	**LA-LEM**
Description	
Height	0mm
Dimension	36.981mm x 14.831mm
Number of Pads	3
Number of Primitives	11



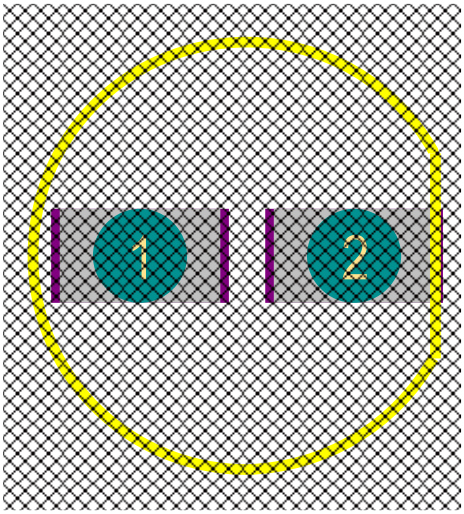
Library Reference	**LCC40**
Description	
Height	2.54mm
Dimension	6.965mm x 6.965mm
Number of Pads	41
Number of Primitives	50



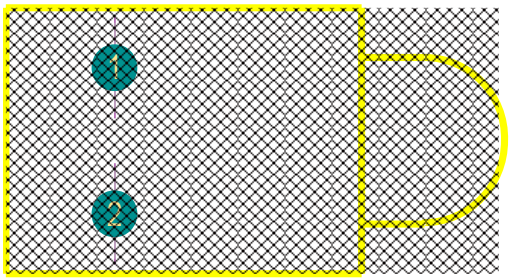
Library Reference	**LED-3mm(RED)**
Description	
Height	5mm
Dimension	4.543mm x 4mm
Number of Pads	2
Number of Primitives	5



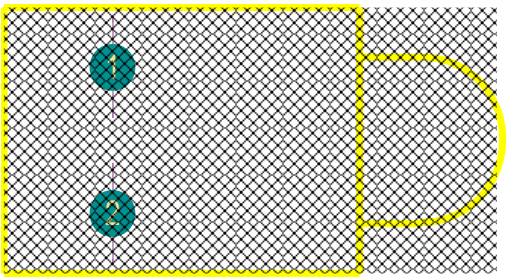
Library Reference	**LED-5mm(BLUE)**
Description	
Height	0mm
Dimension	5.42mm x 6.02mm
Number of Pads	2
Number of Primitives	5



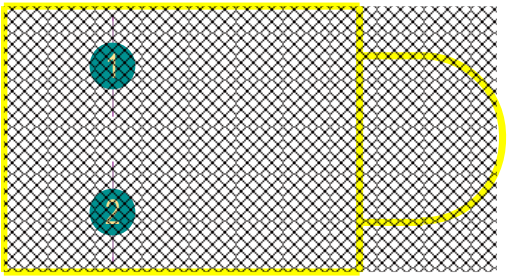
Library Reference	**LED-5mm(WHITE)**
Description	
Height	0mm
Dimension	5.42mm x 6.02mm
Number of Pads	2
Number of Primitives	5



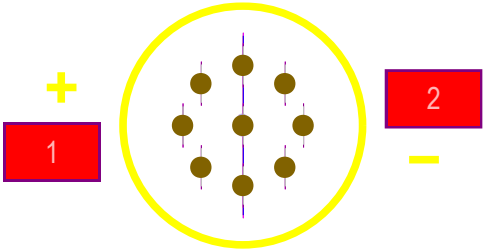
Library Reference	**LED-Green**
Description	LED 3mm Right Angle - Color Green
Height	0mm
Dimension	9.004mm x 4.75mm
Number of Pads	2
Number of Primitives	10



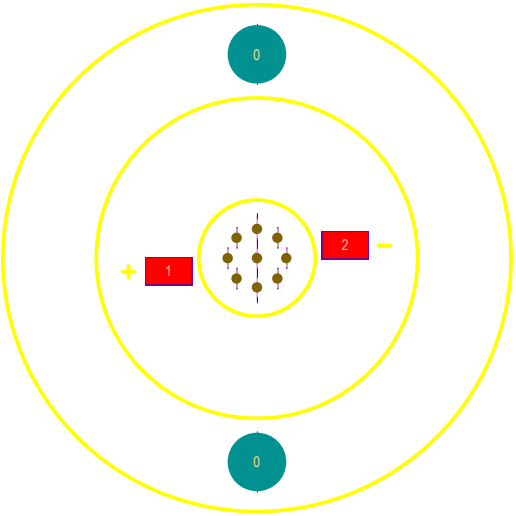
Library Reference	**LED-Red**
Description	LED 3mm Right Angle - Color Red
Height	0mm
Dimension	9.004mm x 4.75mm
Number of Pads	2
Number of Primitives	10



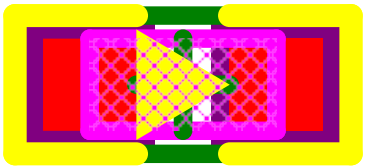
Library Reference	**LED-Yellow**
Description	LED 3mm Right Angle - Color Yellow
Height	0mm
Dimension	8.995mm x 4.75mm
Number of Pads	2
Number of Primitives	10



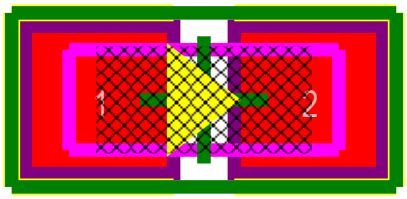
Library Reference	**LED_1W**
Description	
Height	0mm
Dimension	15.951mm x 8.254mm
Number of Pads	4
Number of Primitives	16



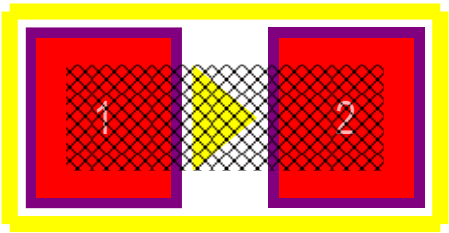
Library Reference	**LED_1W_Onboard**
Description	
Height	0mm
Dimension	35.054mm x 35.054mm
Number of Pads	6
Number of Primitives	20



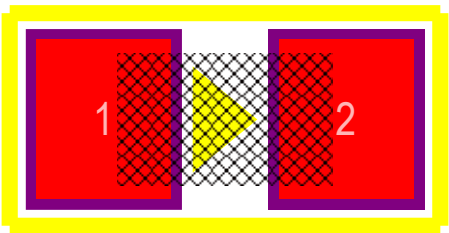
Library Reference	**LED_0402**
Description	Surface mount LED 0402
Height	0.3mm
Dimension	1.956mm x 0.889mm
Number of Pads	2
Number of Primitives	20



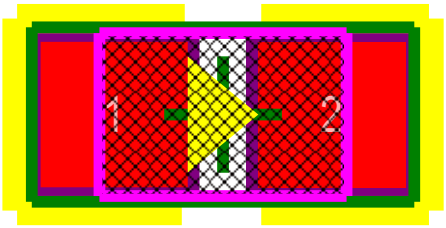
Library Reference	**LED_0603**
Description	Surface mount LED 0603
Height	0.85mm
Dimension	3.023mm x 1.448mm
Number of Pads	2
Number of Primitives	20



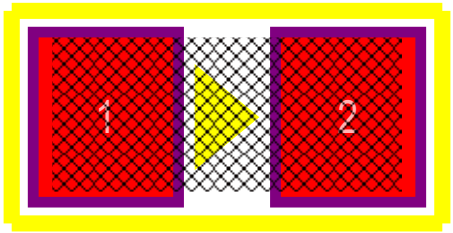
Library Reference	**LED_0805_BLUE**
Description	Surface mount LED 0805
Height	2.79mm
Dimension	4.216mm x 2.184mm
Number of Pads	2
Number of Primitives	8



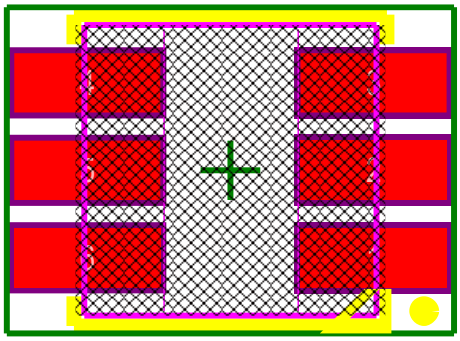
Library Reference	**LED_0805_GREEN**
Description	Surface mount LED 0805
Height	2.79mm
Dimension	4.216mm x 2.184mm
Number of Pads	2
Number of Primitives	8



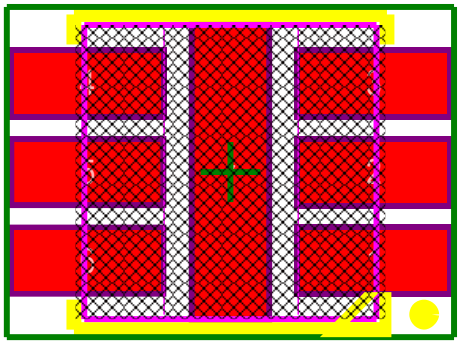
Library Reference	**LED_0805_RED**
Description	Surface mount LED 0805
Height	1.524mm
Dimension	3.81mm x 1.93mm
Number of Pads	2
Number of Primitives	20



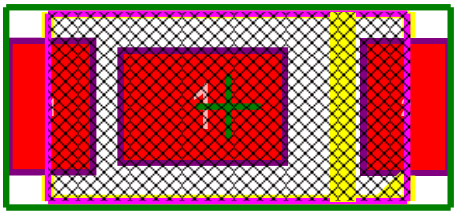
Library Reference	**LED_0805_WHITE**
Description	Surface mount LED 0805
Height	2.79mm
Dimension	4.216mm x 2.184mm
Number of Pads	2
Number of Primitives	8



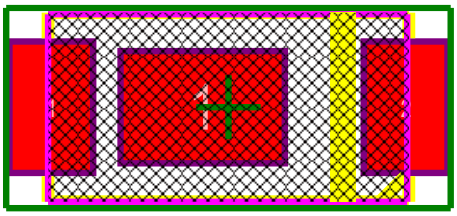
Library Reference	**LED_5050**
Description	SMT LED
Height	1.3mm
Dimension	7.72mm x 5.688mm
Number of Pads	6
Number of Primitives	26



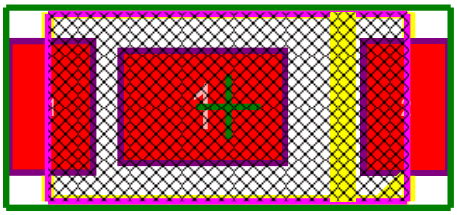
Library Reference	**LED_5050_PAD**
Description	SMT LED
Height	1.3mm
Dimension	7.72mm x 5.688mm
Number of Pads	7
Number of Primitives	27



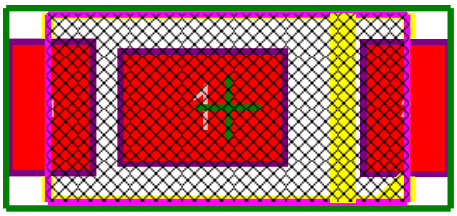
Library Reference	**LED_5730_BLUE**
Description	SMT LED 5730 Package
Height	0.85mm
Dimension	7.1mm x 3.275mm
Number of Pads	3
Number of Primitives	22



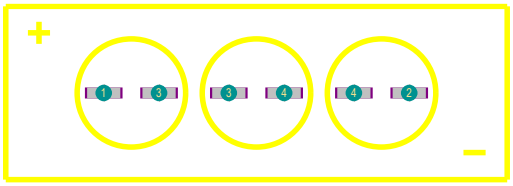
Library Reference	**LED_5730_GREEN**
Description	SMT LED 5730 Package
Height	0.85mm
Dimension	7.1mm x 3.275mm
Number of Pads	3
Number of Primitives	22



Library Reference	**LED_5730_RED**
Description	SMT LED 5730 Package
Height	0.85mm
Dimension	7.1mm x 3.275mm
Number of Pads	3
Number of Primitives	22

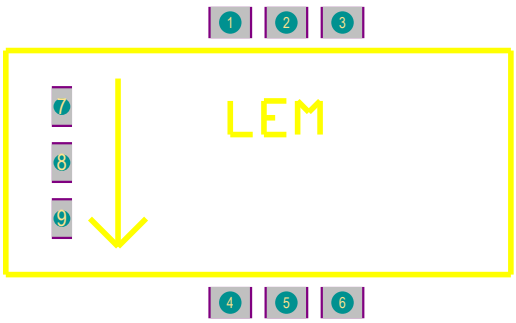


Library Reference	**LED_5730_WHITE**
Description	SMT LED 5730 Package
Height	0.85mm
Dimension	7.1mm x 3.275mm
Number of Pads	3
Number of Primitives	22

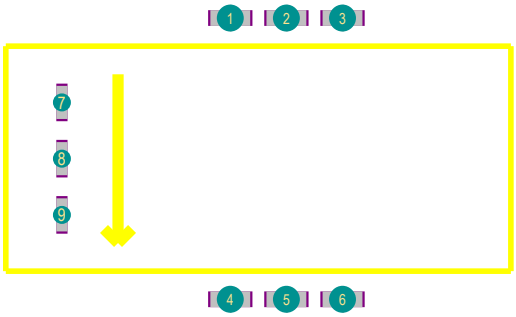


Library Reference	**LED_BAR3x5mm**
Description	
Height	13mm
Dimension	23.254mm x 8.254mm

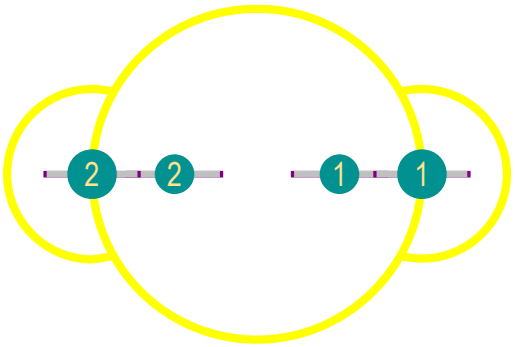
Number of Pads	6
Number of Primitives	15



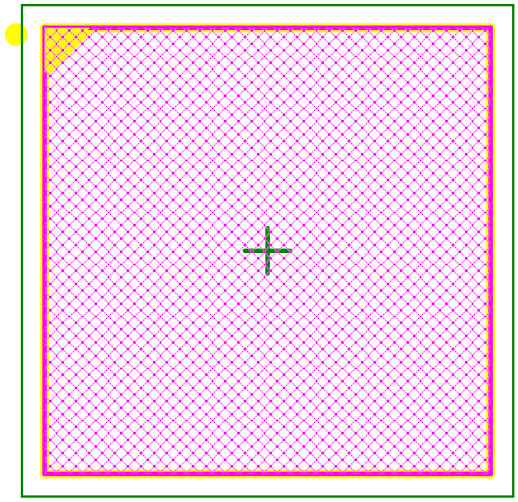
Library Reference	**LEM**
Description	
Height	0mm
Dimension	23.114mm x 16.078mm
Number of Pads	9
Number of Primitives	17



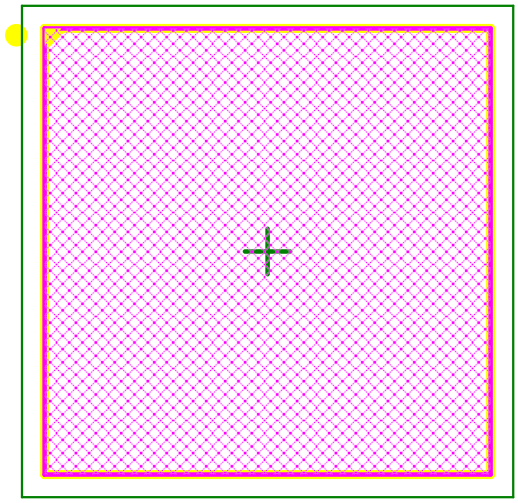
Library Reference	**LEM-LTS-xx-NP**
Description	
Height	0mm
Dimension	23.114mm x 15.403mm
Number of Pads	9
Number of Primitives	16



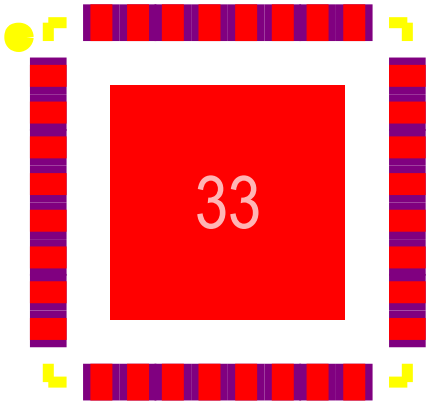
Library Reference	**LF.5**
Description	
Height	0mm
Dimension	15.65mm x 10.414mm
Number of Pads	4
Number of Primitives	7



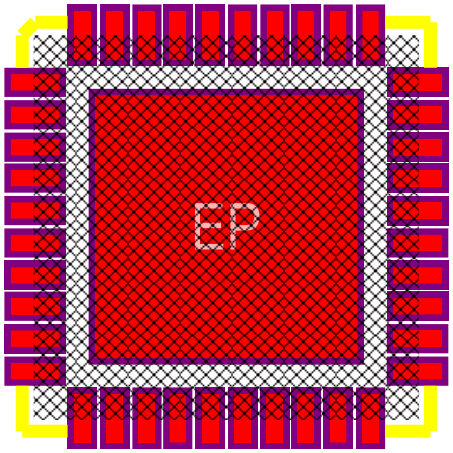
Library Reference	**LFBGA100**
Description	BGA, 100-Balls, Body 10x10mm, Pitch 0.8mm
Height	1.7mm
Dimension	11.425mm x 11.05mm
Number of Pads	100
Number of Primitives	118



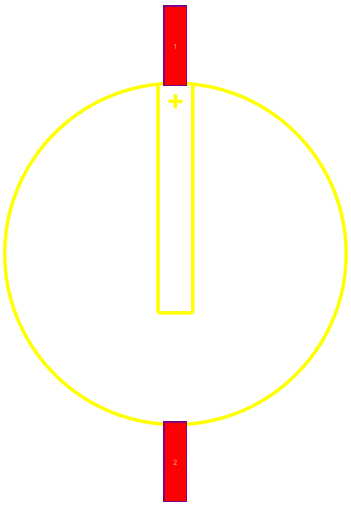
Library Reference	**LFBGA144**
Description	BGA, 144-Balls, Body 10x10mm, Pitch 0.8mm
Height	1.7mm
Dimension	11.425mm x 11.05mm
Number of Pads	144
Number of Primitives	162



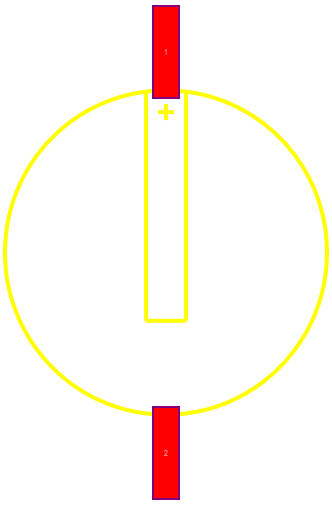
Library Reference	**LFCSP_WQ-32**
Description	
Height	0mm
Dimension	6.102mm x 6.016mm
Number of Pads	33
Number of Primitives	42



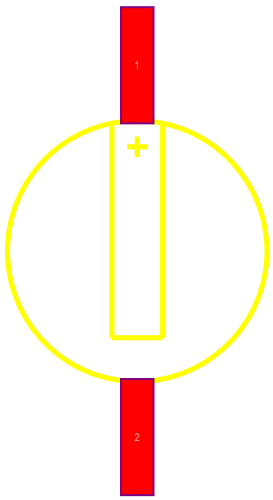
Library Reference	**LFCSP_WQ_40**
Description	
Height	2.54mm
Dimension	6.965mm x 6.965mm
Number of Pads	41
Number of Primitives	51



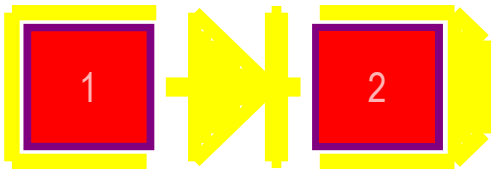
Library Reference	**Li_Battery_L**
Description	
Height	0mm
Dimension	25.254mm x 36.383mm
Number of Pads	2
Number of Primitives	7



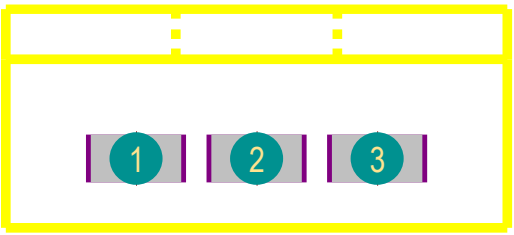
Library Reference	**Li_Battery_M**
Description	
Height	0mm
Dimension	20.754mm x 31.303mm
Number of Pads	2
Number of Primitives	7



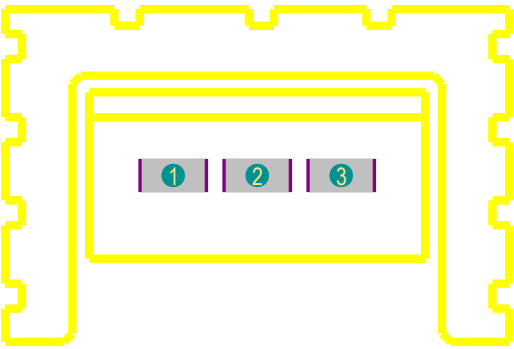
Library Reference	**Li_Battery_S**
Description	
Height	0mm
Dimension	13.254mm x 24.445mm
Number of Pads	2
Number of Primitives	7



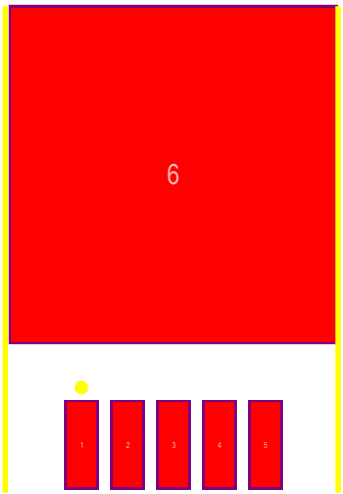
Library Reference	**LL-34**
Description	
Height	0mm
Dimension	6.426mm x 2.235mm
Number of Pads	2
Number of Primitives	28



Library Reference	**LM78XXCT**
Description	
Height	0mm
Dimension	10.783mm x 4.857mm
Number of Pads	3
Number of Primitives	16



Library Reference	**LM78XXCT_HEATSINK**
Description	
Height	0mm
Dimension	15.494mm x 10.414mm
Number of Pads	3
Number of Primitives	65



Library Reference	**LM2576**
Description	
Height	0mm
Dimension	12.519mm x 18.107mm
Number of Pads	6
Number of Primitives	9

Library Reference	**LOGO-BACK**
Description	LOGO-BACK
Height	0mm
Dimension	6.553mm x 6.502mm
Number of Pads	0
Number of Primitives	231

Library Reference	**Logo-Bluetooth**
Description	Logo-Bluetooth
Height	0mm
Dimension	14.347mm x 19.213mm
Number of Pads	0
Number of Primitives	29

Library Reference	**Logo-CE**
Description	Logo-CE
Height	0mm
Dimension	4.379mm x 4.084mm
Number of Pads	0
Number of Primitives	615

Library Reference	**LOGO-DOWN**
Description	LOGO-DOWN
Height	0mm
Dimension	5.69mm x 2.845mm
Number of Pads	0
Number of Primitives	56

Library Reference	**LOGO-DUSTBIN**
Description	LOGO-DUSTBIN
Height	0mm
Dimension	8.531mm x 11.459mm
Number of Pads	0
Number of Primitives	63

Library Reference	**Logo-Dustbin-Small**
Description	Logo-Dustbin-Small
Height	0mm
Dimension	6.777mm x 6.779mm
Number of Pads	0
Number of Primitives	436

Library Reference	**Logo-FC**
Description	Logo-FC
Height	0mm
Dimension	5.584mm x 4.204mm
Number of Pads	0
Number of Primitives	657

Library Reference	**LOGO-HOME**
Description	LOGO-HOME
Height	0mm
Dimension	6.553mm x 6.502mm
Number of Pads	0
Number of Primitives	188

Library Reference	**LOGO-LEFT**
Description	LOGO-LEFT
Height	0mm
Dimension	2.845mm x 5.69mm
Number of Pads	0
Number of Primitives	56

Library Reference	**LOGO-MENU**
Description	LOGO-MENU
Height	0mm
Dimension	6.553mm x 6.502mm
Number of Pads	0
Number of Primitives	272

Library Reference	**LOGO-OK**
Description	LOGO-OK
Height	0mm
Dimension	6.553mm x 6.502mm
Number of Pads	0
Number of Primitives	203

Library Reference	**LOGO-PBFREE**
Description	LOGO-PBFREE
Height	0mm
Dimension	10.109mm x 10.058mm
Number of Pads	0
Number of Primitives	745

Library Reference	**LOGO-POWER**
Description	LOGO-POWER
Height	0mm
Dimension	6.553mm x 6.502mm
Number of Pads	0
Number of Primitives	312

Library Reference	**LOGO-RIGHT**
Description	LOGO-RIGHT
Height	0mm
Dimension	2.845mm x 5.69mm
Number of Pads	0
Number of Primitives	56

Library Reference	**LOGO-UP**
Description	LOGO-UP
Height	0mm
Dimension	5.69mm x 2.845mm
Number of Pads	0
Number of Primitives	56

Library Reference	**Logo_NodeMCU_700x992**
Description	Logo NodeMCU
Height	0mm
Dimension	17.78mm x 25.188mm
Number of Pads	0
Number of Primitives	9

Library Reference	**Logo Headphone**
Description	
Height	0mm
Dimension	1.961mm x 2.086mm
Number of Pads	0
Number of Primitives	5

Library Reference	**Logo Microphone**
Description	
Height	0mm
Dimension	1.88mm x 3.81mm
Number of Pads	0
Number of Primitives	467

Library Reference	**LOGO RESET**
Description	
Height	0mm
Dimension	3.652mm x 3.57mm
Number of Pads	0
Number of Primitives	1

Library Reference	**LOGO SPEAKER**
Description	
Height	0mm
Dimension	5.286mm x 3.947mm
Number of Pads	0
Number of Primitives	23

Library Reference	**LOGO USB**
Description	
Height	0mm
Dimension	9.018mm x 3.995mm
Number of Pads	0
Number of Primitives	1

Library Reference	**LOGO USB1**
Description	General USB Logo
Height	0mm
Dimension	4.128mm x 2.009mm
Number of Pads	0
Number of Primitives	11

Library Reference	**LOGO USB2**
Description	High Speed USB Logo
Height	0mm
Dimension	9.811mm x 4.877mm
Number of Pads	0
Number of Primitives	886

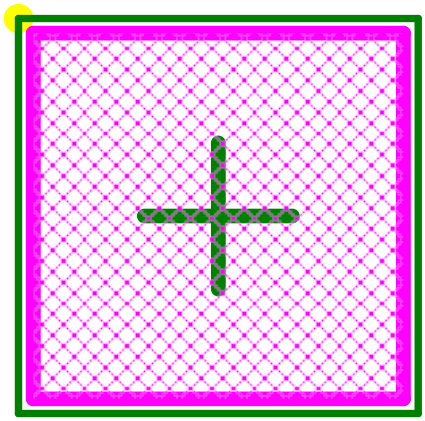
Library Reference	**LOGO USB3**
Description	USB Certified Logo
Height	0mm
Dimension	9.712mm x 4.504mm
Number of Pads	0
Number of Primitives	2148

Library Reference	**LOGO WARNING**
Description	
Height	0mm
Dimension	12.167mm x 11.633mm
Number of Pads	0
Number of Primitives	1078

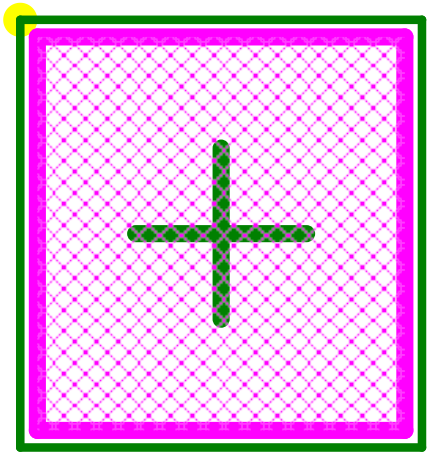
Library Reference	**LOGO WARNING ESD**
Description	
Height	0mm
Dimension	13.564mm x 11.684mm
Number of Pads	0
Number of Primitives	1681

Library Reference	**LOGO WARNING High Voltage**
Description	
Height	0mm
Dimension	6.287mm x 5.486mm
Number of Pads	0
Number of Primitives	1053

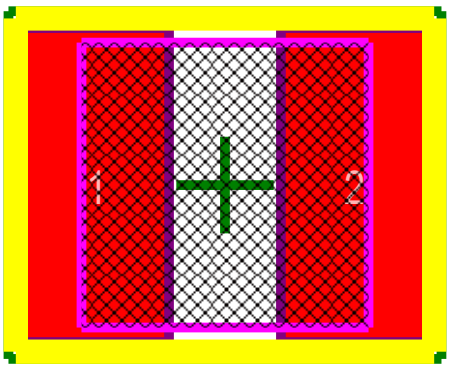
Library Reference	**LOGO WARNING Sensitive Devices**
Description	
Height	0mm
Dimension	5.08mm x 4.521mm
Number of Pads	0
Number of Primitives	430



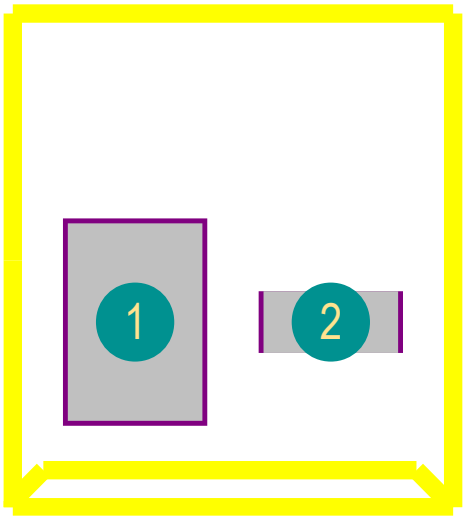
Library Reference	**LPC11AxxUK**
Description	BGA, 16-Leads, Body 2.55x2.55mm, Pitch 0.5mm, NXP Recommended Pads
Height	0.65mm
Dimension	2.88mm x 2.88mm
Number of Pads	20
Number of Primitives	32



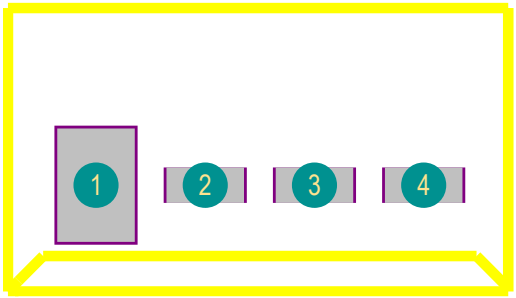
Library Reference	**LPC1102UK**
Description	BGA, 16-Leads, Body 2.32x2.17mm, Pitch 0.5mm, NXP Recommended Pads
Height	0.65mm
Dimension	2.515mm x 2.665mm
Number of Pads	16
Number of Primitives	28



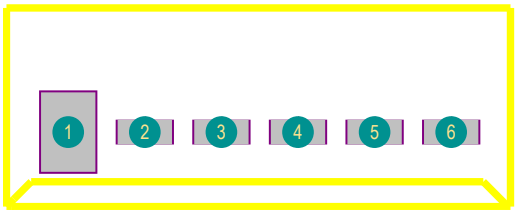
Library Reference	**LPO3310**
Description	LPO3310 SMT Power Inductor, 3.3x3.3x1mm
Height	1mm
Dimension	4.623mm x 3.759mm
Number of Pads	2
Number of Primitives	17



Library Reference	**L POWER2**
Description	
Height	0mm
Dimension	9.525mm x 10.541mm
Number of Pads	2
Number of Primitives	11

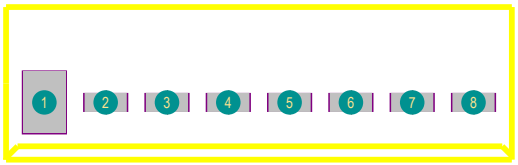


Library Reference	**L POWER4**
Description	
Height	0mm
Dimension	18.415mm x 10.541mm
Number of Pads	4
Number of Primitives	14

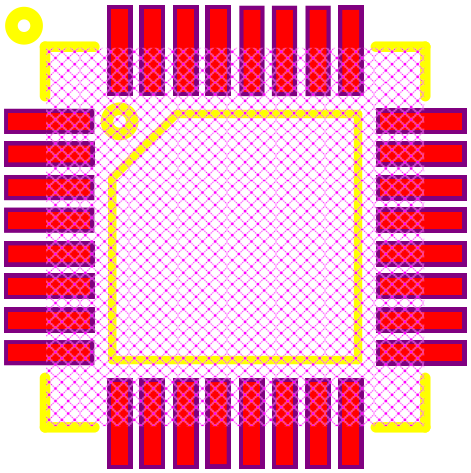


Library Reference	**L POWER6**
Description	
Height	0mm
Dimension	26.289mm x 10.541mm
Number of Pads	6

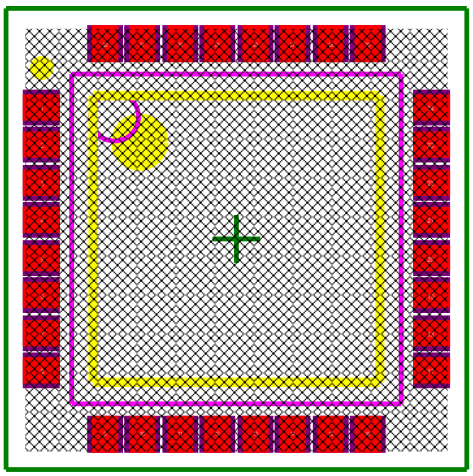
Number of Primitives	16



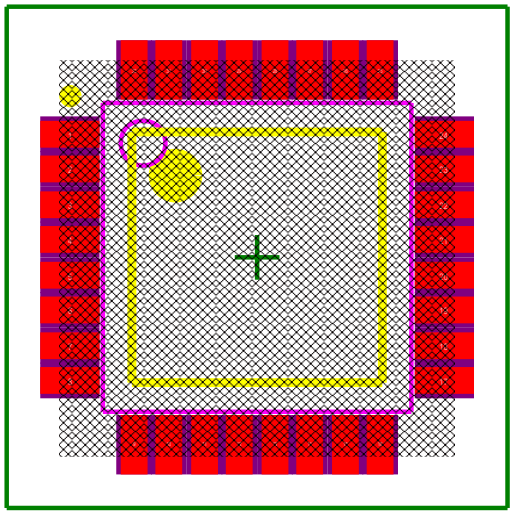
Library Reference	**L POWER8**
Description	
Height	0mm
Dimension	33.909mm x 10.541mm
Number of Pads	8
Number of Primitives	17



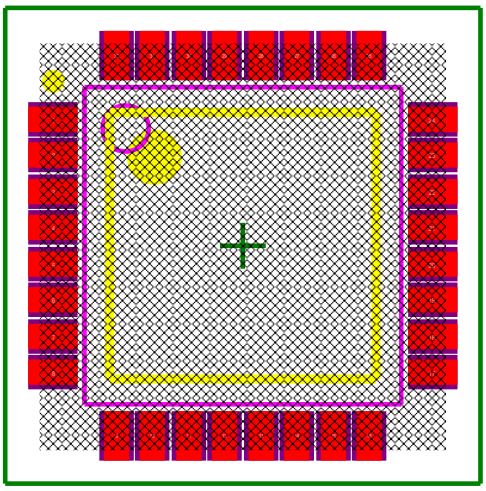
Library Reference	**LQFP32**
Description	
Height	0mm
Dimension	11.203mm x 11.203mm
Number of Pads	32
Number of Primitives	48



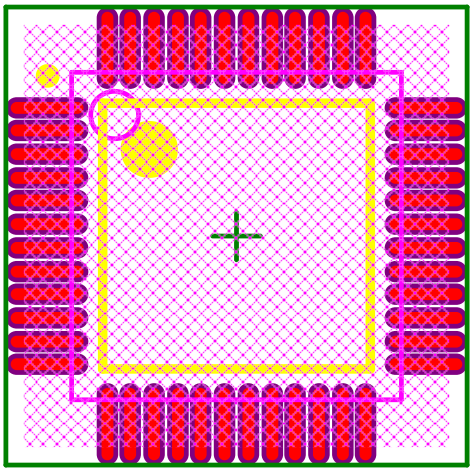
Library Reference	**LQFP32_L**
Description	Thin QFP, 32-Leads, Body 7x7mm, Pitch 0.8mm, IPC High Density
Height	1.2mm
Dimension	9.9mm x 9.9mm
Number of Pads	32
Number of Primitives	50



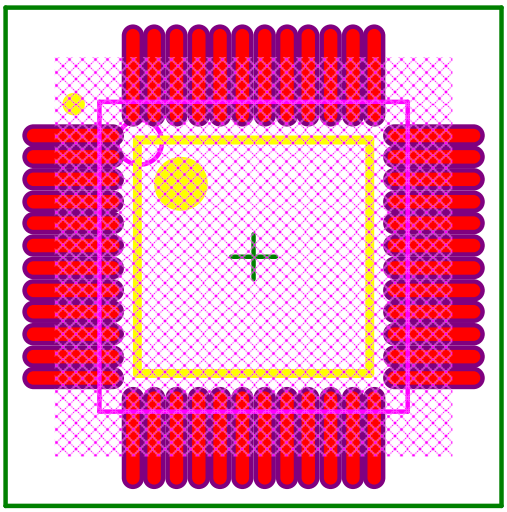
Library Reference	**LQFP32_M**
Description	Thin QFP, 32-Leads, Body 7x7mm, Pitch 0.8mm, IPC Low Density
Height	1.2mm
Dimension	11.5mm x 11.5mm
Number of Pads	32
Number of Primitives	50



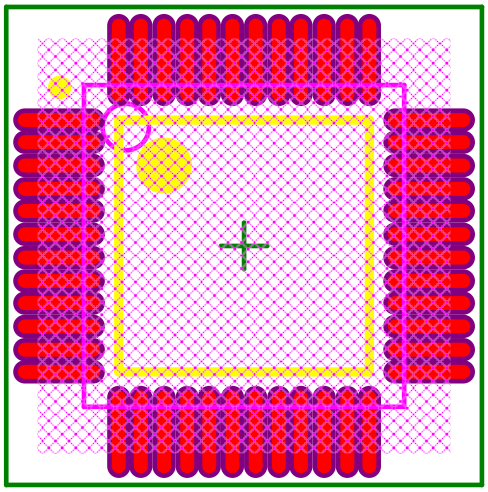
Library Reference	**LQFP32_N**
Description	Thin QFP, 32-Leads, Body 7x7mm, Pitch 0.8mm, IPC Medium Density
Height	1.2mm
Dimension	10.6mm x 10.6mm
Number of Pads	32
Number of Primitives	50



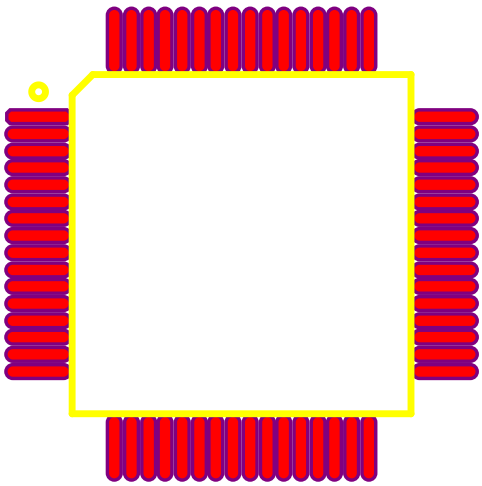
Library Reference	**LQFP48_L**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	9.9mm x 9.9mm
Number of Pads	48
Number of Primitives	66



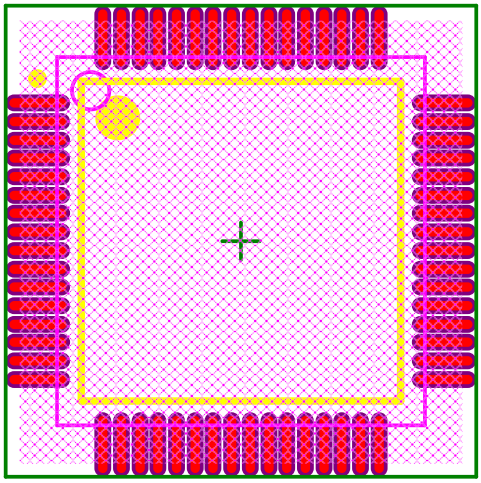
Library Reference	**LQFP48_M**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	11.4mm x 11.4mm
Number of Pads	48
Number of Primitives	66



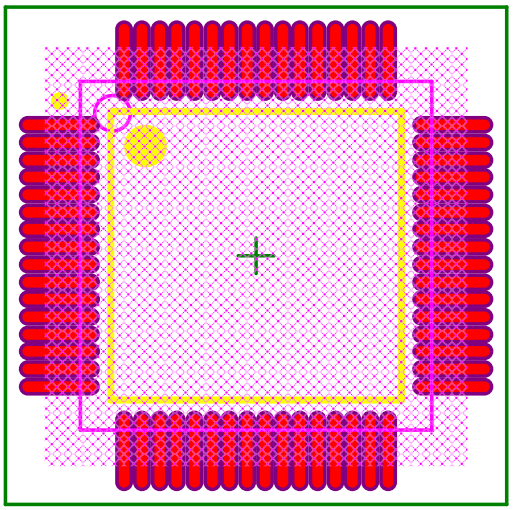
Library Reference	**LQFP48_N**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	10.5mm x 10.5mm
Number of Pads	48
Number of Primitives	66



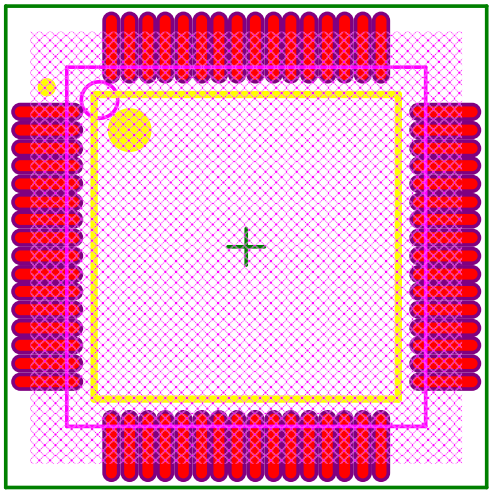
Library Reference	**LQFP64**
Description	
Height	0mm
Dimension	14.003mm x 14.003mm
Number of Pads	64
Number of Primitives	70



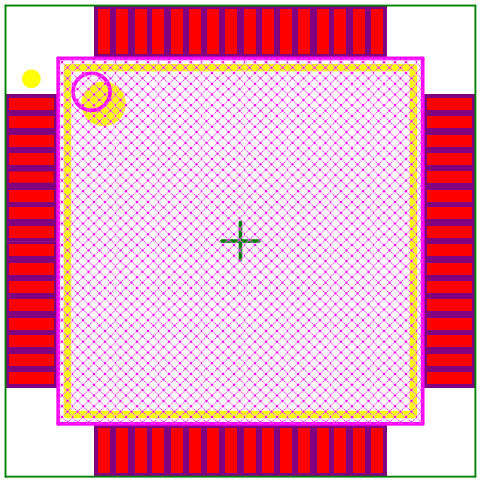
Library Reference	**LQFP64_L**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	12.9mm x 12.9mm
Number of Pads	64
Number of Primitives	82



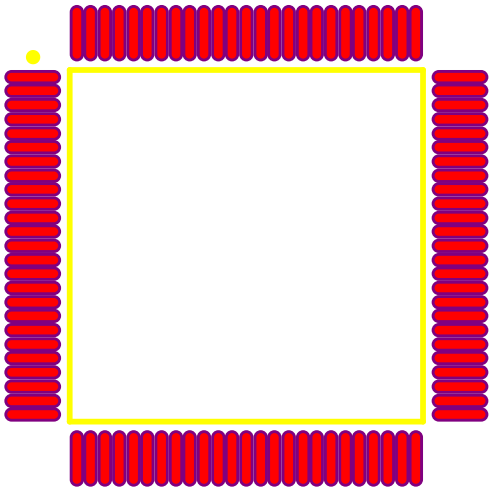
Library Reference	**LQFP64_M**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	14.4mm x 14.4mm
Number of Pads	64
Number of Primitives	82



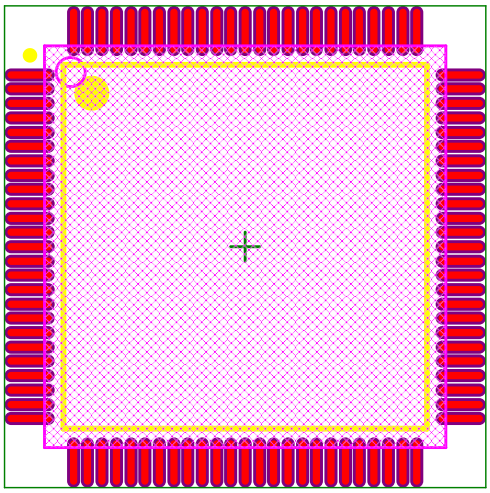
Library Reference	**LQFP64_N**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	13.5mm x 13.5mm
Number of Pads	64
Number of Primitives	82



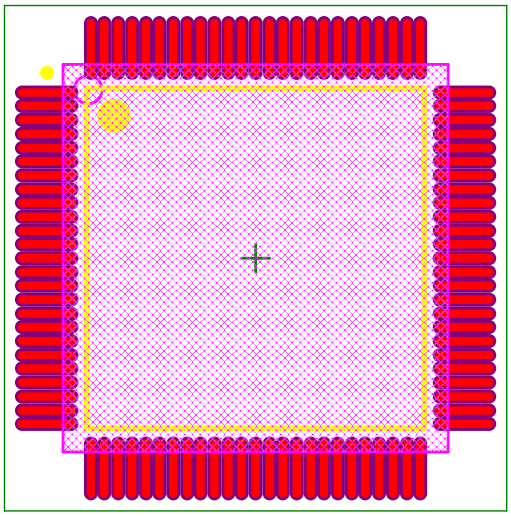
Library Reference	**LQFP64_V**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, ST Recommended
Height	1.6mm
Dimension	12.95mm x 12.95mm
Number of Pads	64
Number of Primitives	82



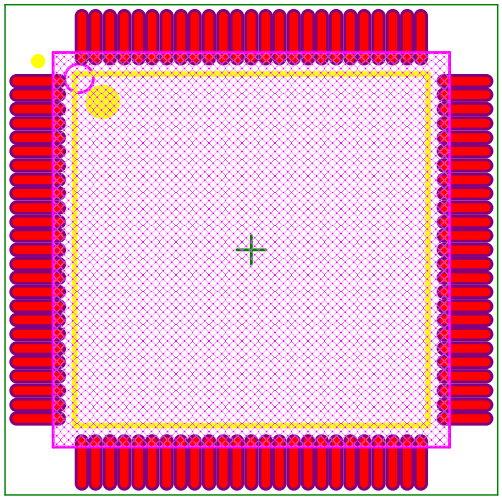
Library Reference	**LQFP100**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	17.103mm x 17.103mm
Number of Pads	100
Number of Primitives	105



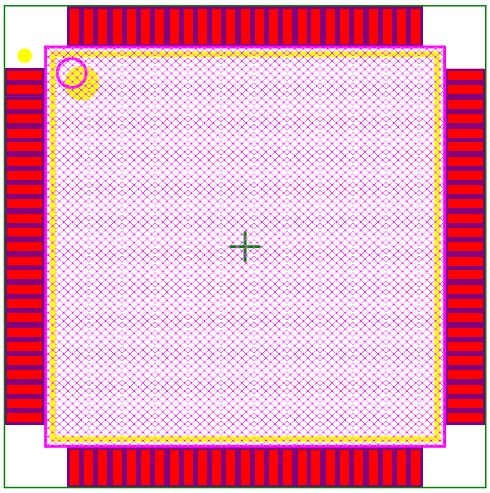
Library Reference	**LQFP100_L**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	16.85mm x 16.85mm
Number of Pads	100
Number of Primitives	118



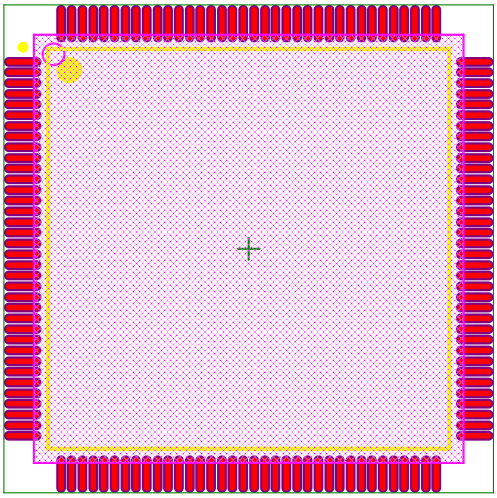
Library Reference	**LQFP100_M**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	18.35mm x 18.35mm
Number of Pads	100
Number of Primitives	118



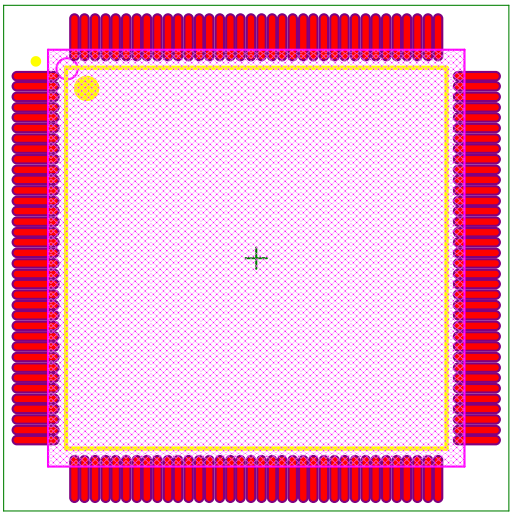
Library Reference	**LQFP100_N**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	17.45mm x 17.45mm
Number of Pads	100
Number of Primitives	118



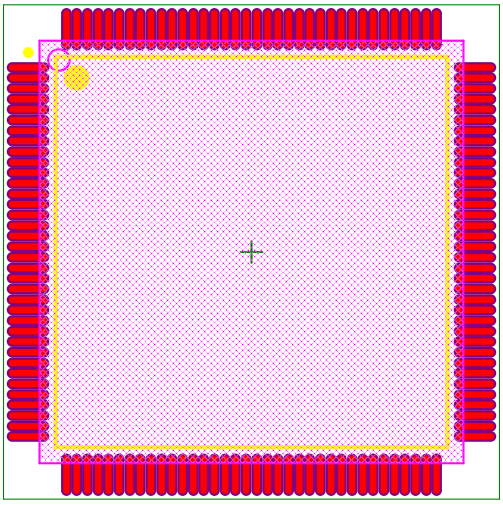
Library Reference	**LQFP100_V**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, ST Recommended
Height	1.6mm
Dimension	16.95mm x 16.95mm
Number of Pads	100
Number of Primitives	118



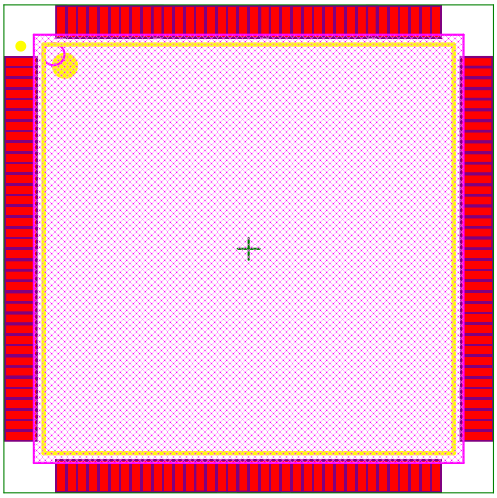
Library Reference	**LQFP144_L**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	22.85mm x 22.85mm
Number of Pads	144
Number of Primitives	162



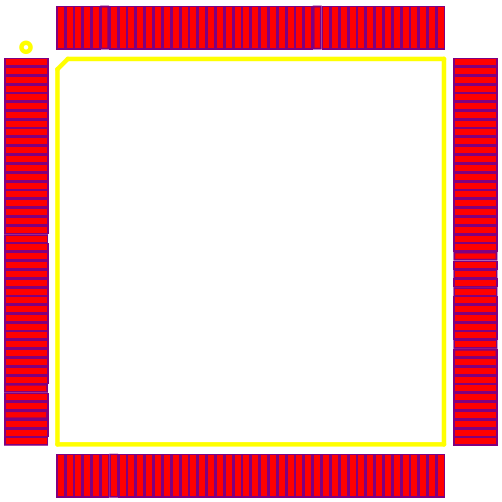
Library Reference	**LQFP144_M**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	24.35mm x 24.35mm
Number of Pads	144
Number of Primitives	162



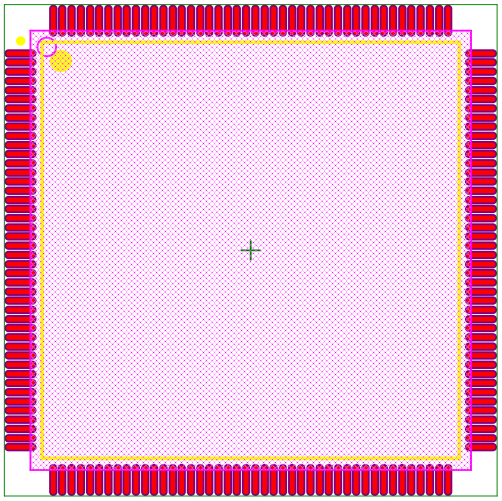
Library Reference	**LQFP144_N**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	23.45mm x 23.45mm
Number of Pads	144
Number of Primitives	162



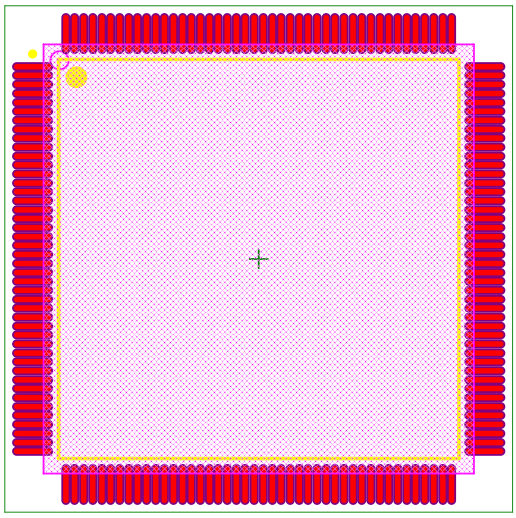
Library Reference	**LQFP144_V**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, ST Recommended
Height	1.6mm
Dimension	22.85mm x 22.85mm
Number of Pads	144
Number of Primitives	162



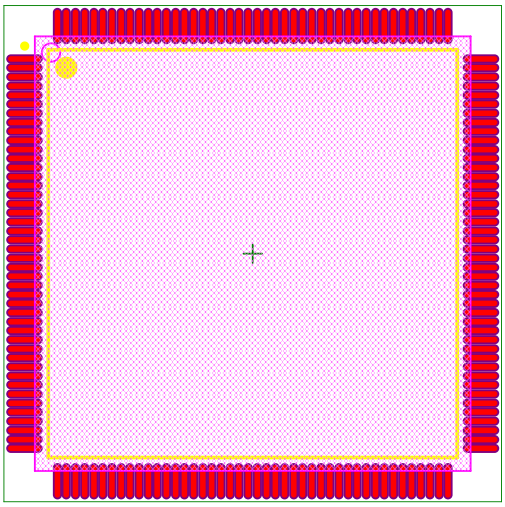
Library Reference	**LQFP176**
Description	
Height	0mm
Dimension	27.889mm x 27.889mm
Number of Pads	176
Number of Primitives	182



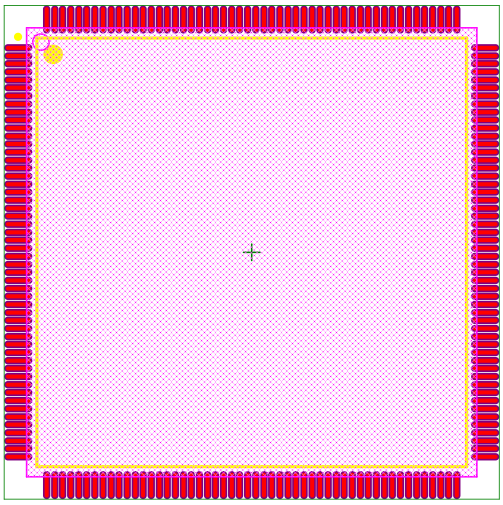
Library Reference	**LQFP176_L**
Description	Thin QFP, 176-Leads, Body 24x24mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	26.85mm x 26.85mm
Number of Pads	176
Number of Primitives	194



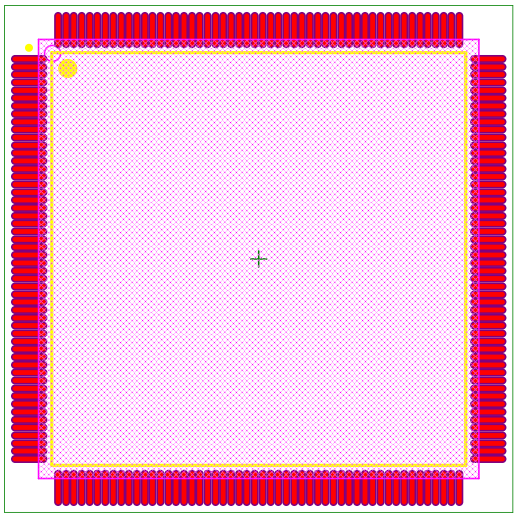
Library Reference	**LQFP176_M**
Description	Thin QFP, 176-Leads, Body 24x24mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	28.35mm x 28.35mm
Number of Pads	176
Number of Primitives	194



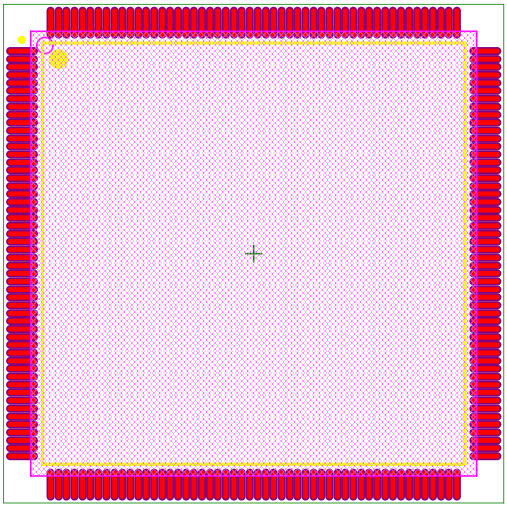
Library Reference	**LQFP176_N**
Description	Thin QFP, 176-Leads, Body 24x24mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	27.45mm x 27.45mm
Number of Pads	176
Number of Primitives	194



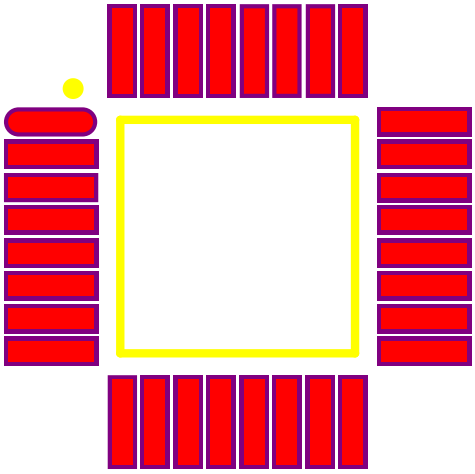
Library Reference	**LQFP208_L**
Description	QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	30.85mm x 30.85mm
Number of Pads	208
Number of Primitives	226



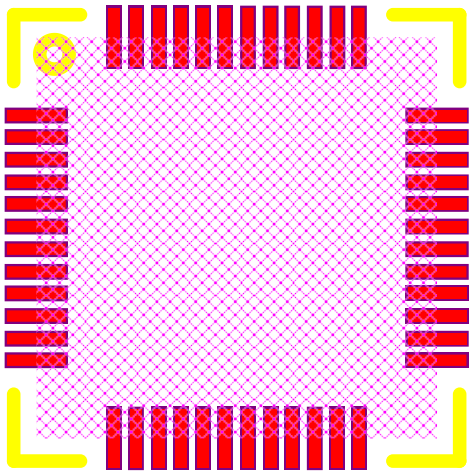
Library Reference	**LQFP208_M**
Description	QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	32.35mm x 32.35mm
Number of Pads	208
Number of Primitives	226



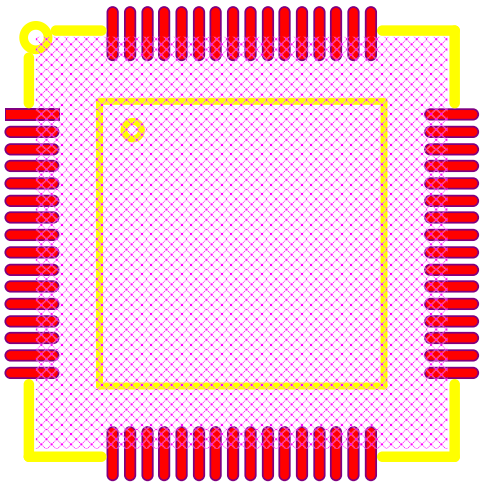
Library Reference	**LQFP208_N**
Description	QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	31.45mm x 31.45mm
Number of Pads	208
Number of Primitives	226



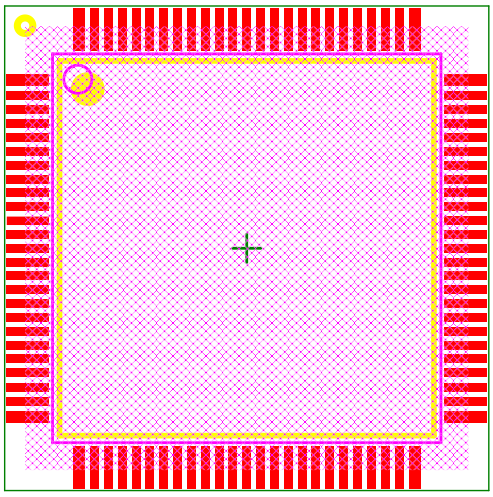
Library Reference	**LQFP-32**
Description	
Height	1.6mm
Dimension	11.327mm x 11.327mm
Number of Pads	32
Number of Primitives	37



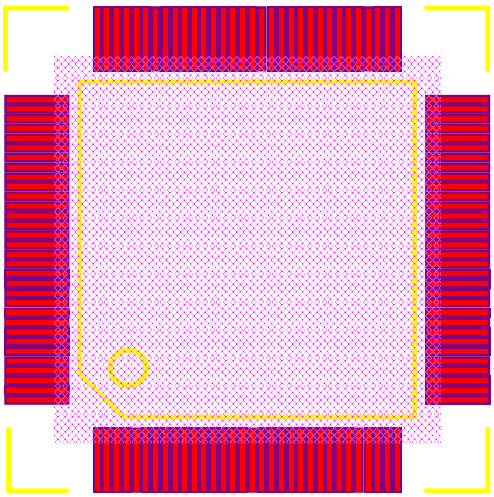
Library Reference	**LQFP-48**
Description	
Height	0mm
Dimension	10.4mm x 10.4mm
Number of Pads	48
Number of Primitives	58



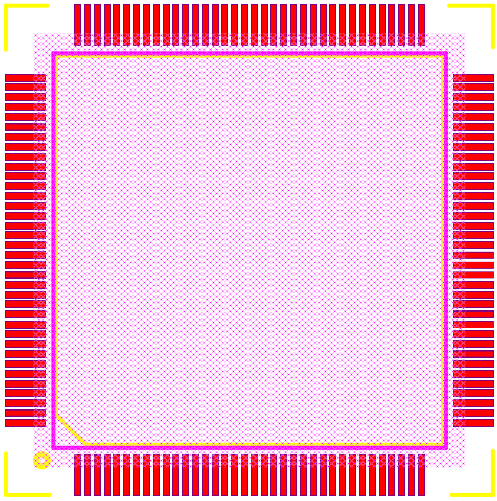
Library Reference	**LQFP-64**
Description	
Height	0mm
Dimension	13.8mm x 13.8mm
Number of Pads	64
Number of Primitives	79



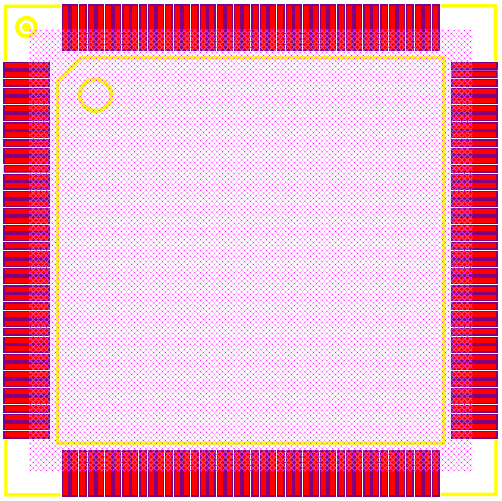
Library Reference	**LQFP-100**
Description	
Height	0mm
Dimension	17.55mm x 17.55mm
Number of Pads	100
Number of Primitives	118



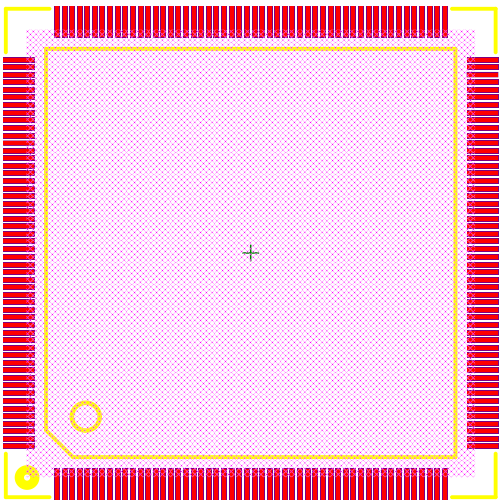
Library Reference	**LQFP-128**
Description	
Height	0mm
Dimension	20.162mm x 20.139mm
Number of Pads	128
Number of Primitives	143



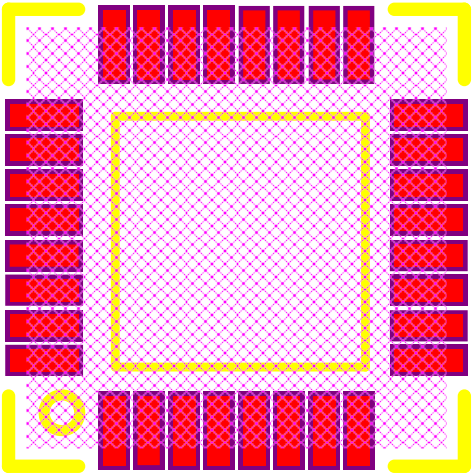
Library Reference	**LQFP-144**
Description	
Height	0mm
Dimension	25mm x 25mm
Number of Pads	144
Number of Primitives	163



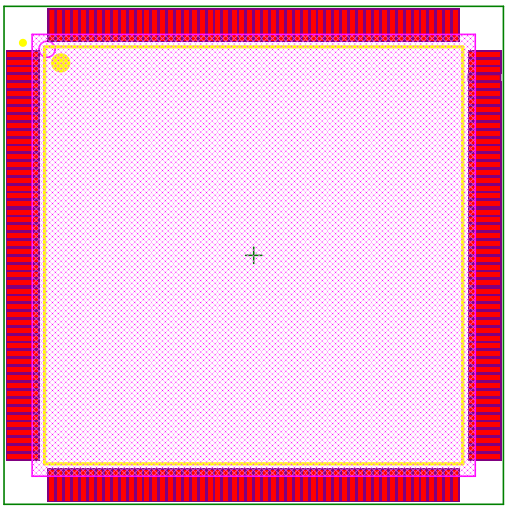
Library Reference	**LQFP-176**
Description	
Height	0mm
Dimension	28.703mm x 28.703mm
Number of Pads	176
Number of Primitives	193



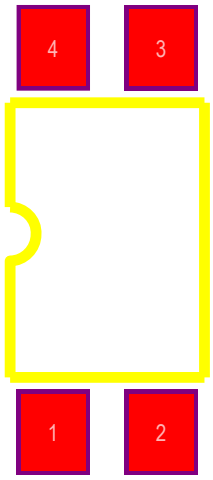
Library Reference	**LQFP-208**
Description	
Height	0mm
Dimension	32.6mm x 32.6mm
Number of Pads	208
Number of Primitives	226



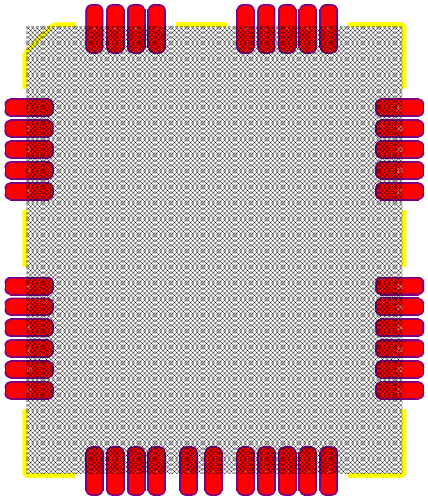
Library Reference	**LQFP-32 0.8mm**
Description	
Height	0mm
Dimension	10.7mm x 10.7mm
Number of Pads	32
Number of Primitives	46



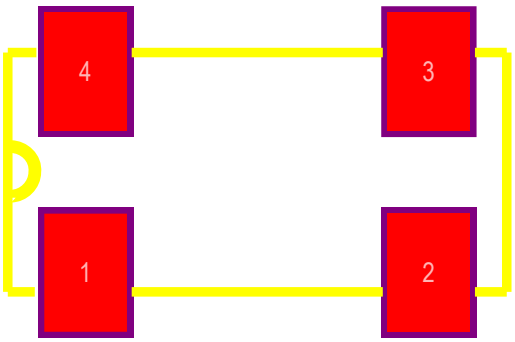
Library Reference	**LQFP_208**
Description	SQFP, 208-Leads, Body 30.4x30.4mm (max), Pitch 0.50mm, IPC Medium Density
Height	1.7mm
Dimension	31.65mm x 31.65mm
Number of Pads	208
Number of Primitives	226



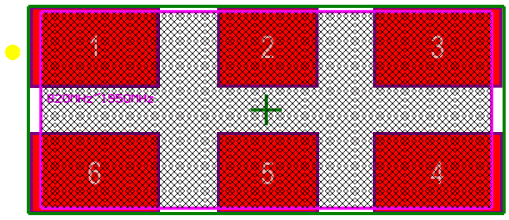
Library Reference	**LTV-81X-SMD**
Description	
Height	1.2mm
Dimension	4.826mm x 10.893mm
Number of Pads	4
Number of Primitives	10



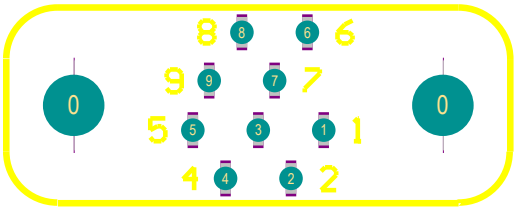
Library Reference	**M95**
Description	GSM/GPRS Module Series
Height	2.85mm
Dimension	22.203mm x 25.903mm
Number of Pads	42
Number of Primitives	55



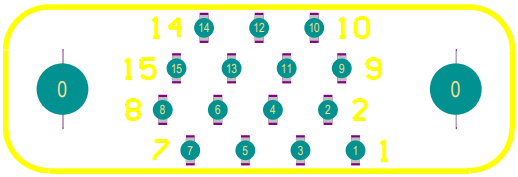
Library Reference	**MC-306**
Description	
Height	1.6mm
Dimension	8.152mm x 5.303mm
Number of Pads	4
Number of Primitives	13



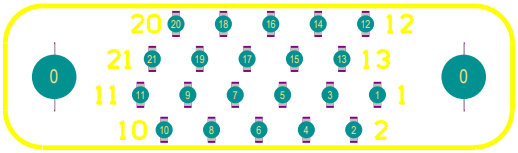
Library Reference	**MD1506_12N**
Description	MD1506\12N (820MHz~1950MHz)Multilayer Chip Antenna
Height	0mm
Dimension	16.302mm x 6.958mm
Number of Pads	6
Number of Primitives	19



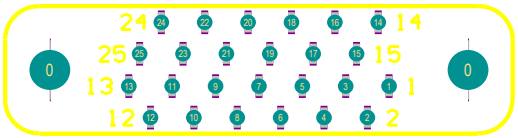
Library Reference	**MDM-9PNP4**
Description	MDM Stright PCB N Type Male 9-Pin
Height	10.3mm
Dimension	19.804mm x 7.975mm
Number of Pads	11
Number of Primitives	27



Library Reference	**MDM-15PNP4**
Description	MDM Stright PCB N Type Male 15-Pin
Height	10.3mm
Dimension	23.614mm x 7.975mm
Number of Pads	17
Number of Primitives	33

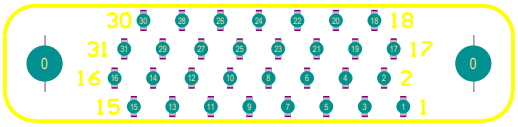


Library Reference	**MDM-21PNP4**
Description	MDM Stright PCB N Type Male 21-Pin
Height	10.3mm
Dimension	27.424mm x 7.975mm
Number of Pads	23
Number of Primitives	39

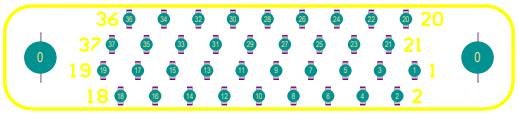


Library Reference	**MDM-25PNP4**
Description	MDM Stright PCB N Type Male 25-Pin
Height	10.3mm

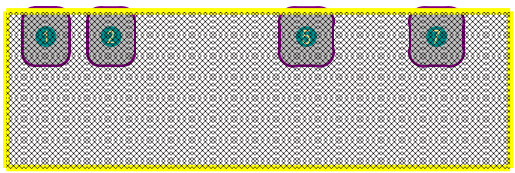
Dimension	29.964mm x 7.975mm
Number of Pads	27
Number of Primitives	43



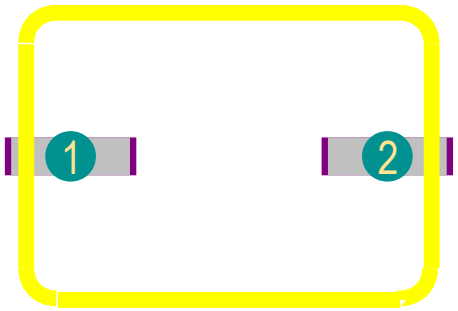
Library Reference	**MDM-31PNP4**
Description	MDM Stright PCB N Type Male 31-Pin
Height	10.3mm
Dimension	33.774mm x 7.975mm
Number of Pads	33
Number of Primitives	49



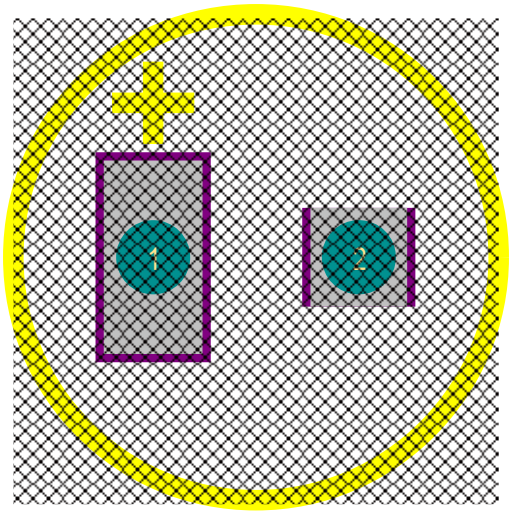
Library Reference	**MDM-37PNP4**
Description	MDM Stright PCB N Type Male 37-Pin
Height	10.3mm
Dimension	37.584mm x 7.975mm
Number of Pads	39
Number of Primitives	55



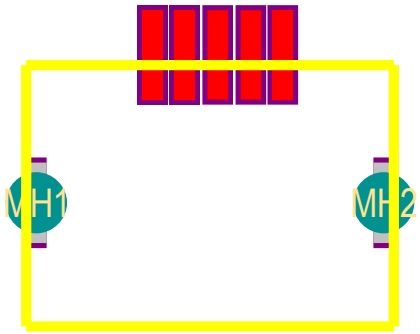
Library Reference	**MEF1SxxxxSP3C**
Description	Isolated DC/DC Converters 1W Iso
Height	10.15mm
Dimension	19.904mm x 6.479mm
Number of Pads	4
Number of Primitives	9



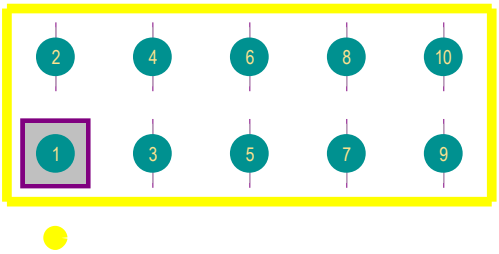
Library Reference	**MF-RX012/250**
Description	Telecom PTC Resettable Fuses
Height	0mm
Dimension	7.183mm x 4.854mm
Number of Pads	2
Number of Primitives	10



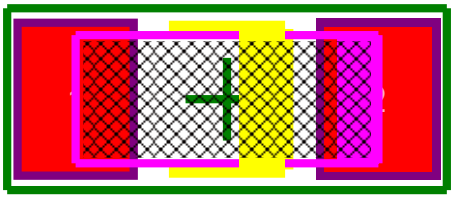
Library Reference	**Microphone**
Description	Microphone
Height	0mm
Dimension	6.254mm x 6.254mm
Number of Pads	2
Number of Primitives	5



Library Reference	**MicroUSB**
Description	Shrink Small Outline, Plastic, Thin; 14 Leads; Body Width 4.4 mm; Pitch 0.65 mm
Height	1.1mm
Dimension	9.103mm x 6.502mm
Number of Pads	7
Number of Primitives	11



Library Reference	**MiHDR2X5**
Description	Connector; Header; 30 Position
Height	0mm
Dimension	10.36mm x 5.176mm
Number of Pads	10
Number of Primitives	15



Library Reference	**MINI MELF**
Description	MELF Diode, 2-Leads, Body 3.5x1.4mm, IPC Medium Density
Height	1.6mm
Dimension	5.5mm x 2.35mm
Number of Pads	2

Number of Primitives	18

Library Reference	**MKP0.7x0.2**
Description	
Height	0mm
Dimension	18.034mm x 5.334mm
Number of Pads	2
Number of Primitives	6

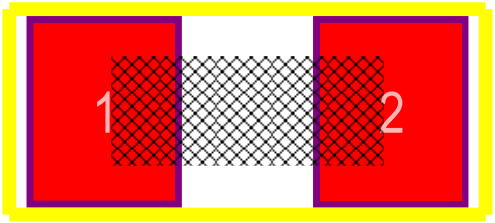
Library Reference	**MKP0.7x0.35**
Description	
Height	0mm
Dimension	18.443mm x 9.144mm
Number of Pads	2
Number of Primitives	6

Library Reference	**MKP1.0x0.4**
Description	
Height	0mm
Dimension	26.063mm x 10.414mm
Number of Pads	2
Number of Primitives	6

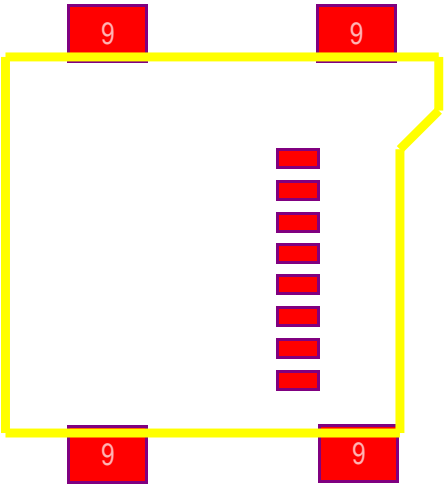
Library Reference	**MKP1.0x0.4M**
Description	
Height	0mm
Dimension	26.063mm x 10.414mm
Number of Pads	5
Number of Primitives	9

Library Reference	**MKP1.2x0.5**
Description	
Height	0mm
Dimension	31.143mm x 12.954mm
Number of Pads	2
Number of Primitives	6

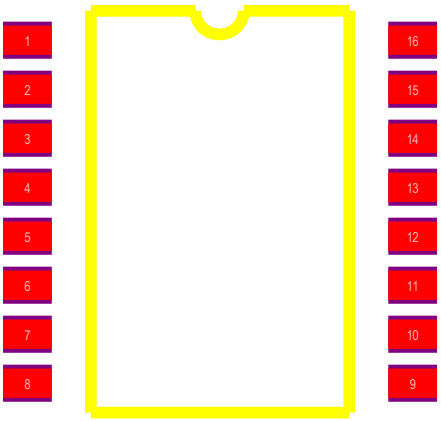
Library Reference	**MKP1.2x0.5M**
Description	
Height	0mm
Dimension	31.143mm x 12.954mm
Number of Pads	4
Number of Primitives	8



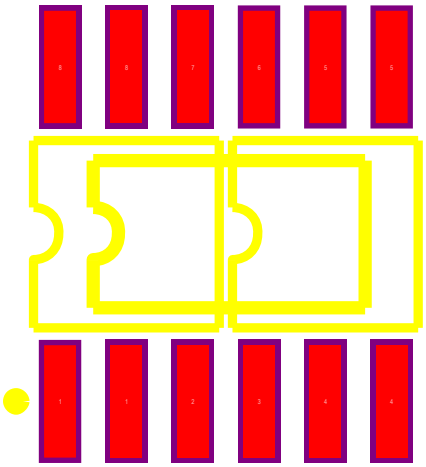
Library Reference	**MMB0207_HV**
Description	
Height	1.5mm
Dimension	7.203mm x 3.203mm
Number of Pads	2
Number of Primitives	7



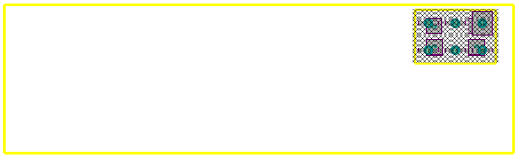
Library Reference	**MMC-MICROSD**
Description	
Height	0mm
Dimension	15.037mm x 16.332mm
Number of Pads	12
Number of Primitives	18



Library Reference	**MO-00416**
Description	
Height	0mm
Dimension	12.268mm x 10.719mm
Number of Pads	16
Number of Primitives	22



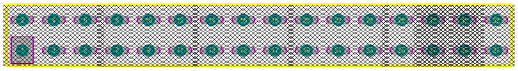
Library Reference	**MOCD-TLP**
Description	
Height	0mm
Dimension	8.047mm x 8.712mm
Number of Pads	12
Number of Primitives	31



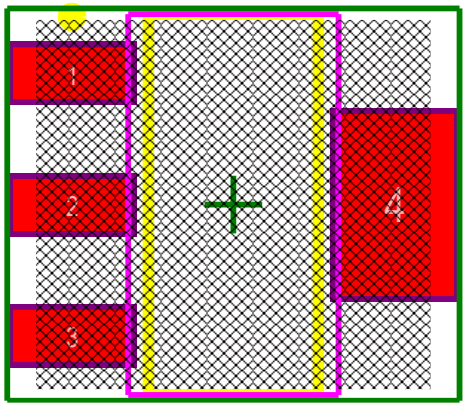
Library Reference	**MODEM_#1(2.54MM)**
Description	Connector; Header; 3x2 Position
Height	0mm
Dimension	48.254mm x 14.254mm
Number of Pads	10
Number of Primitives	20

Library Reference	**MODEM_#2(2.54MM)**
Description	Connector; Header; 3x2 Position
Height	0mm
Dimension	48.254mm x 14.254mm
Number of Pads	10

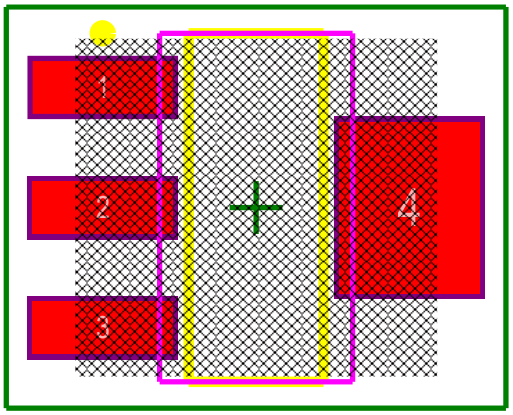
	Number of Primitives	20



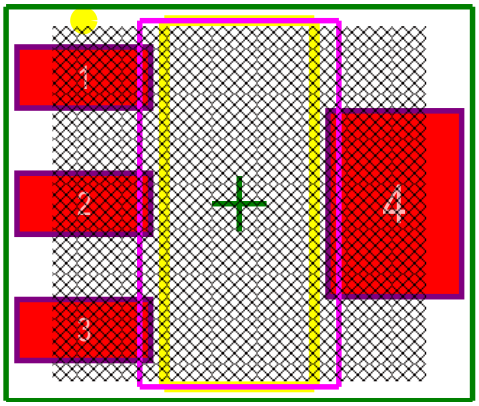
Library Reference	**MODEM_MICROSD**
Description	Connector; Header; 2x16 Position
Height	8.5mm
Dimension	41.14mm x 5.28mm
Number of Pads	32
Number of Primitives	42



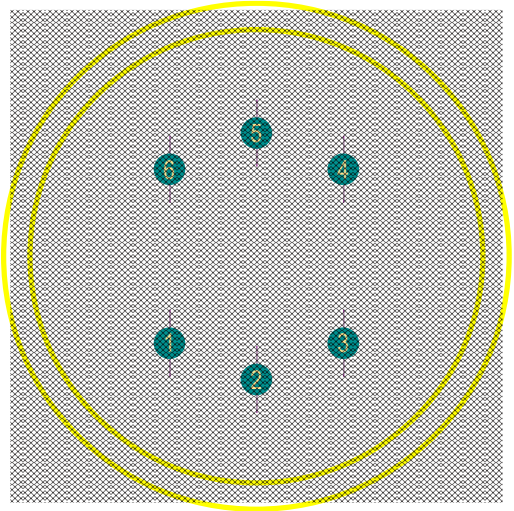
Library Reference	**MP04A_L**
Description	SOT223, 4-Leads, Body 6.5x3.5mm, Pitch 2.3mm, Lead Span 7mm, IPC High Density
Height	1.8mm
Dimension	8.1mm x 7.05mm
Number of Pads	4
Number of Primitives	20



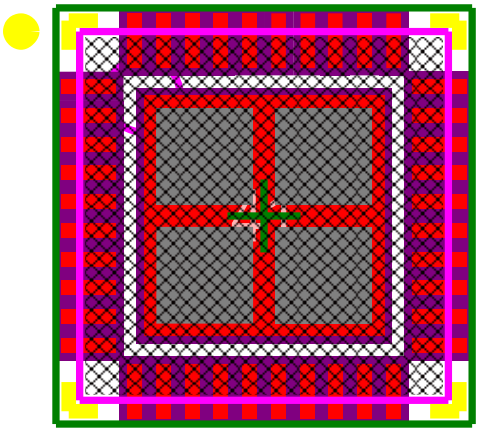
Library Reference	**MP04A_M**
Description	SOT223, 4-Leads, Body 6.5x3.5mm, Pitch 2.3mm, Lead Span 7mm, IPC Low Density
Height	1.8mm
Dimension	9.7mm x 7.8mm
Number of Pads	4
Number of Primitives	20



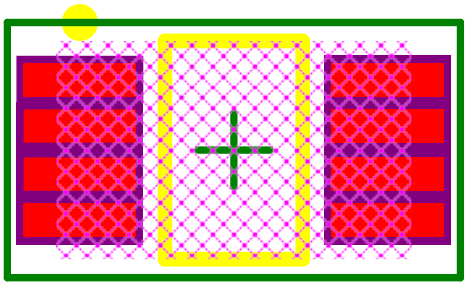
Library Reference	**MP04A_N**
Description	SOT223, 4-Leads, Body 6.5x3.5mm, Pitch 2.3mm, Lead Span 7mm, IPC Medium Density
Height	1.8mm
Dimension	8.8mm x 7.3mm
Number of Pads	4
Number of Primitives	20



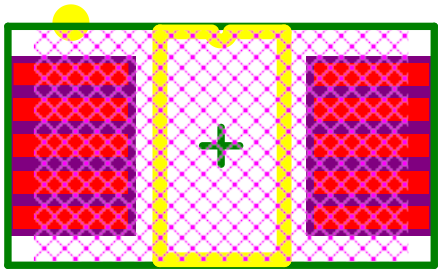
Library Reference	**MQ-x**
Description	Gas Sensor
Height	15mm
Dimension	19.7mm x 19.7mm
Number of Pads	6
Number of Primitives	9



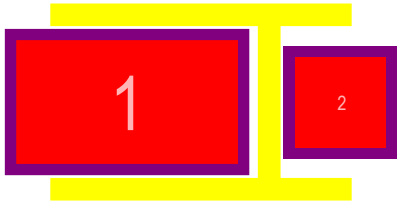
Library Reference	**MQFN40**
Description	MQFN, 40-Leads, Body 5x5mm, Pitch 0.4mm, IPC Medium Density
Height	1mm
Dimension	6.575mm x 5.9mm
Number of Pads	41
Number of Primitives	66



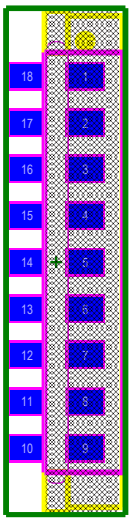
Library Reference	**MSOP-8**
Description	TSOP, 8-Leads, Body 3.0x3.0mm (max), Pitch 0.65mm, IPC Medium Density
Height	1.1mm
Dimension	6.45mm x 3.8mm
Number of Pads	8
Number of Primitives	20



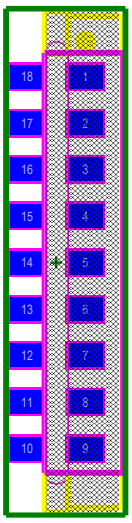
Library Reference	**MSOP-10**
Description	Shrink Small Outline; 10 Leads; Body Width 3 mm; Pitch 0.5 mm
Height	1.1mm
Dimension	5.942mm x 3.651mm
Number of Pads	10
Number of Primitives	24



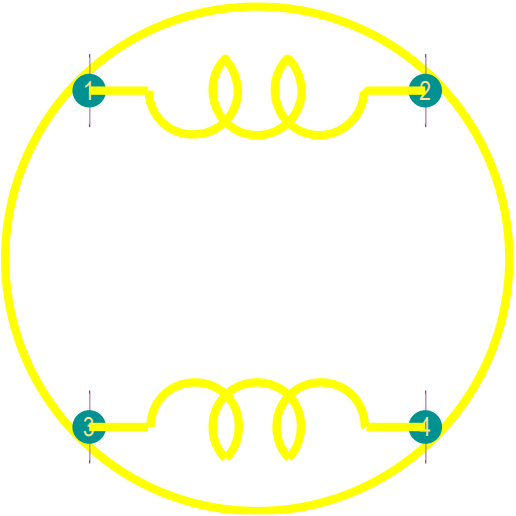
Library Reference	**MSP3V3/89A**
Description	MicroSMP
Height	0.73mm
Dimension	3.503mm x 1.803mm
Number of Pads	2
Number of Primitives	5



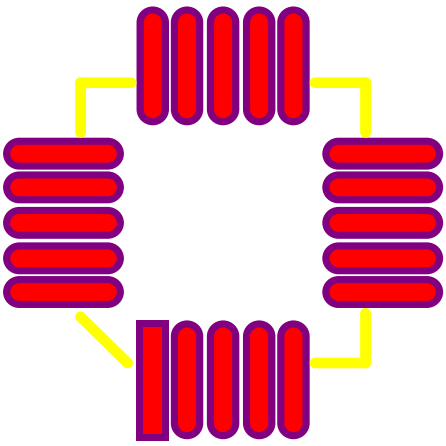
Library Reference	**NEMU_WF0911**
Description	NEMU Wi-Fi Module by Vowstar
Height	3.2mm
Dimension	5.461mm x 22.047mm
Number of Pads	18
Number of Primitives	50



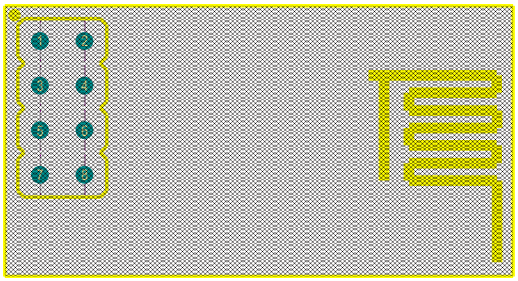
Library Reference	**NEMU_WF1006**
Description	NEMU Wi-Fi Module by Vowstar
Height	3.2mm
Dimension	5.461mm x 22.047mm
Number of Pads	18
Number of Primitives	50



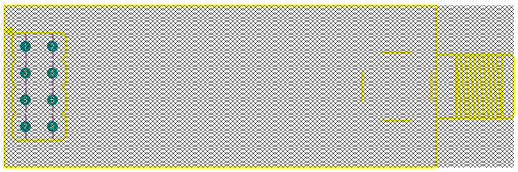
Library Reference	**Noise-Filter**
Description	
Height	0mm
Dimension	15.494mm x 15.494mm
Number of Pads	4
Number of Primitives	15



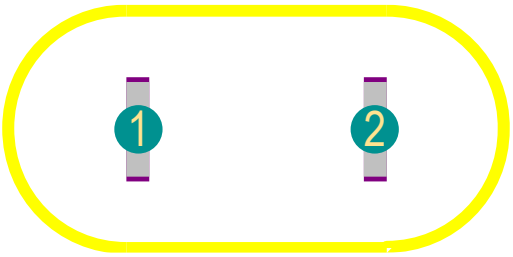
Library Reference	**nRF24L01**
Description	
Height	0mm
Dimension	6.203mm x 6.203mm
Number of Pads	20
Number of Primitives	27



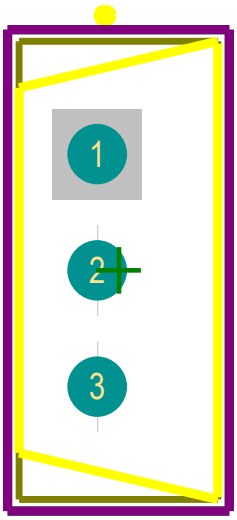
Library Reference	**NRF24L01+ Module**
Description	NRF24L01+, 8-Leads, Pitch 2.54mm, 29 x 15.4 mm
Height	5.5mm
Dimension	29.2mm x 15.6mm
Number of Pads	8
Number of Primitives	55



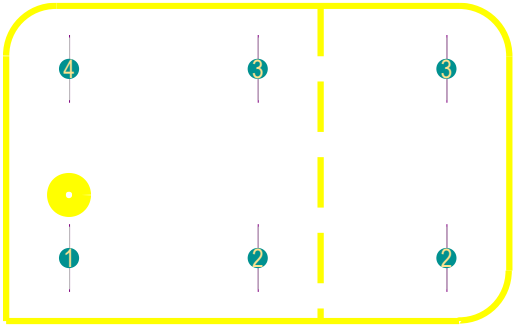
Library Reference	**NRF24L01+PA Module**
Description	NRF24L01+PA, 8-Leads, Pitch 2.54mm, 40.6 x 15.4 mm
Height	8.2mm
Dimension	48.095mm x 15.6mm
Number of Pads	8
Number of Primitives	62



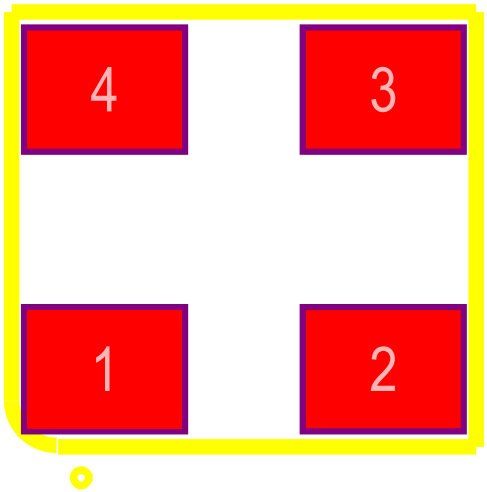
Library Reference	**NTC_9**
Description	
Height	18mm
Dimension	10.754mm x 5.254mm
Number of Pads	2
Number of Primitives	6



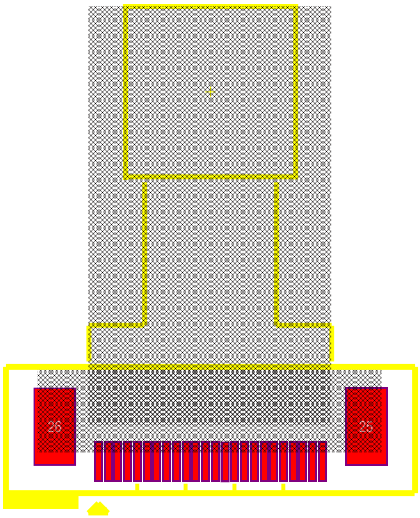
Library Reference	**NXP_SOT78_0**
Description	
Height	0mm
Dimension	5.1mm x 11.15mm
Number of Pads	3
Number of Primitives	22



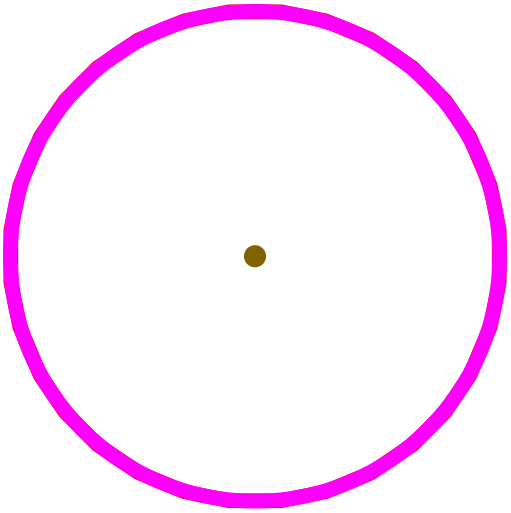
Library Reference	**OSC-DIP**
Description	
Height	0mm
Dimension	20.574mm x 12.954mm
Number of Pads	6
Number of Primitives	19



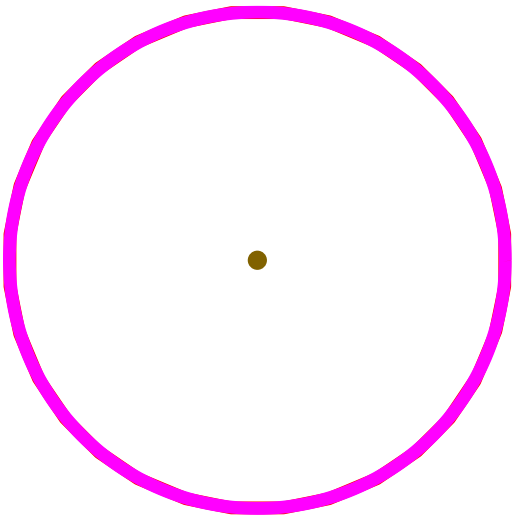
Library Reference	**OSC-SMT**
Description	
Height	0mm
Dimension	7.874mm x 7.938mm
Number of Pads	4
Number of Primitives	10



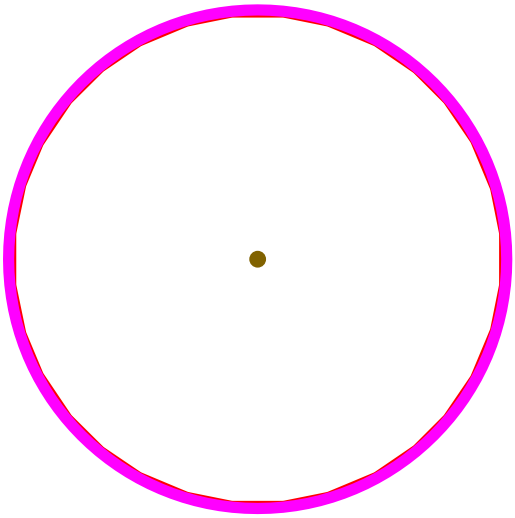
Library Reference	**OV-Camera**
Description	OV9650/OV2460/OV3640/OV5640
Height	5.3mm
Dimension	21.342mm x 26.238mm
Number of Pads	26
Number of Primitives	56



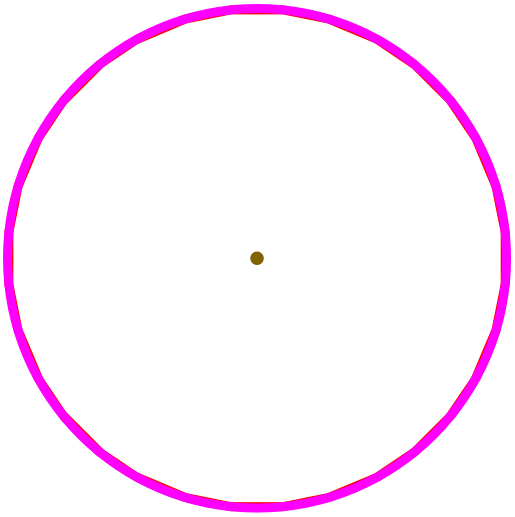
Library Reference	**PAD-ROUND-36**
Description	PAD-ROUND-36,R=3.385mm
Height	0mm
Dimension	6.973mm x 6.973mm
Number of Pads	1
Number of Primitives	4



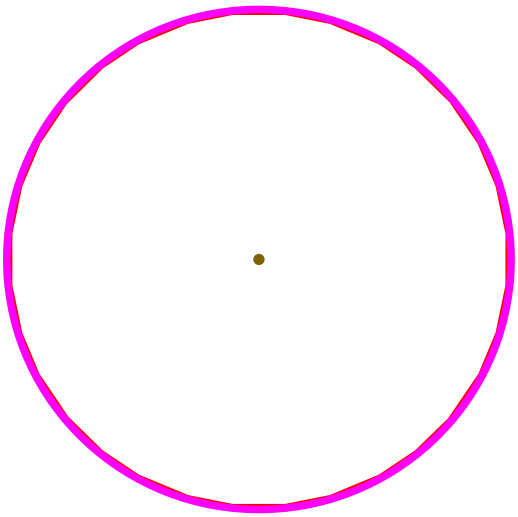
Library Reference	**PAD-ROUND-49**
Description	PAD-ROUND-49,R=3.949mm
Height	0mm
Dimension	8.101mm x 8.101mm
Number of Pads	1
Number of Primitives	4



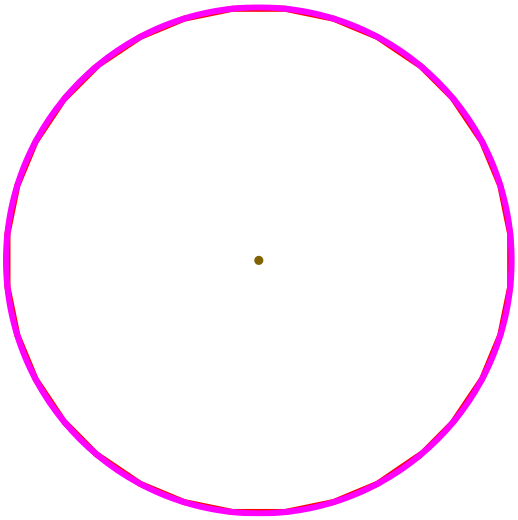
Library Reference	**PAD-ROUND-64**
Description	PAD-ROUND-64,R=4.514mm
Height	0mm
Dimension	9.231mm x 9.231mm
Number of Pads	1
Number of Primitives	4



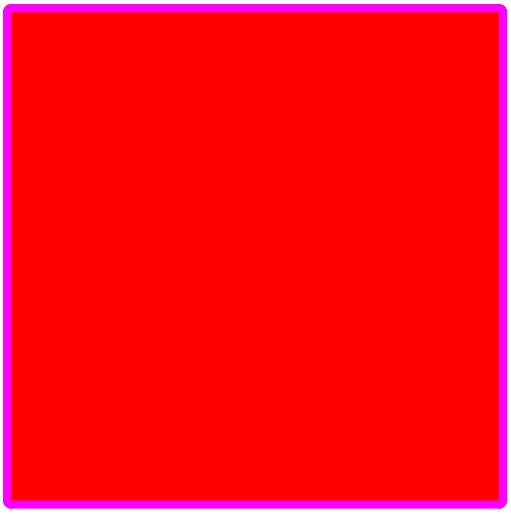
Library Reference	**PAD-ROUND-100**
Description	PAD-ROUND-100,R=5.642mm
Height	0mm
Dimension	11.487mm x 11.487mm
Number of Pads	1
Number of Primitives	4



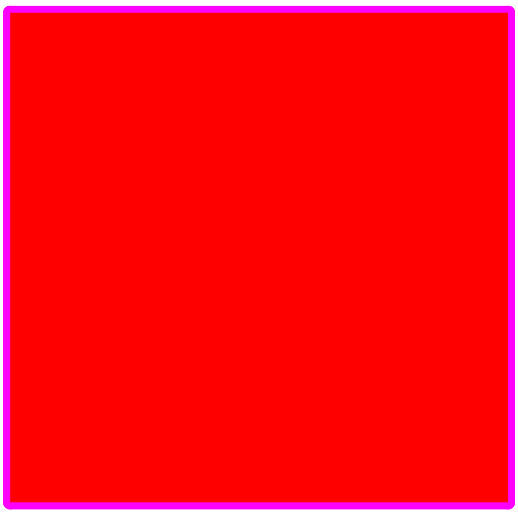
Library Reference	**PAD-ROUND-144**
Description	PAD-ROUND-144,R=6.770mm
Height	0mm
Dimension	13.743mm x 13.743mm
Number of Pads	1
Number of Primitives	4



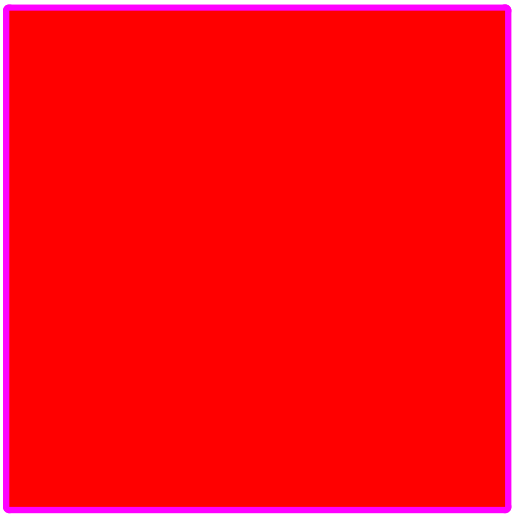
Library Reference	**PAD-ROUND-225**
Description	PAD-ROUND-225,R=8.463mm
Height	0mm
Dimension	17.129mm x 17.129mm
Number of Pads	1
Number of Primitives	4



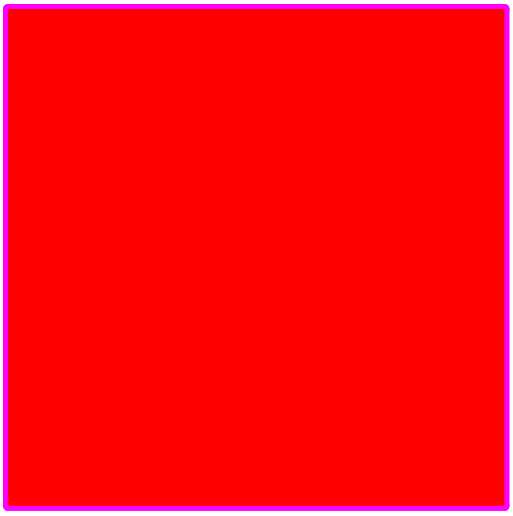
Library Reference	**PAD-SQUARE-36**
Description	PAD-SQUARE-36,L=6mm
Height	0mm
Dimension	6.203mm x 6.203mm
Number of Pads	1
Number of Primitives	7



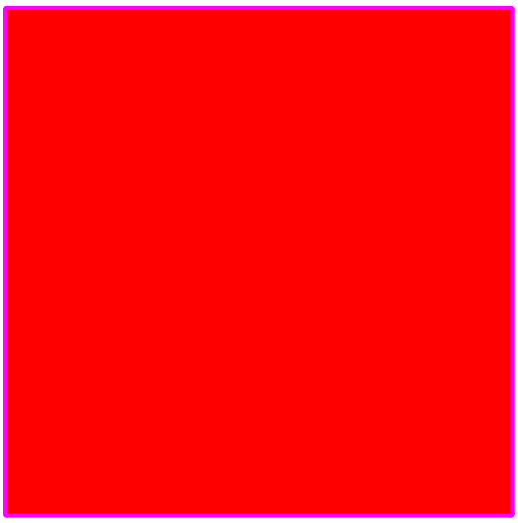
Library Reference	**PAD-SQUARE-49**
Description	PAD-SQUARE-49,L=7mm
Height	0mm
Dimension	7.203mm x 7.203mm
Number of Pads	1
Number of Primitives	7



Library Reference	**PAD-SQUARE-64**
Description	PAD-SQUARE-64,L=8mm
Height	0mm
Dimension	8.203mm x 8.203mm
Number of Pads	1
Number of Primitives	7

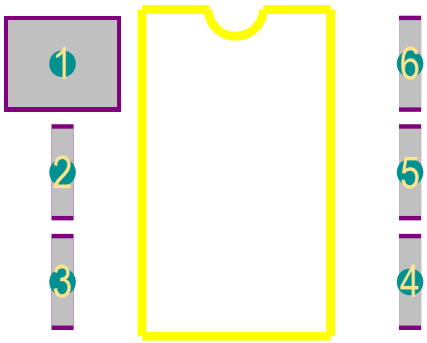


Library Reference	**PAD-SQUARE-100**
Description	PAD-SQUARE-100,L=10mm
Height	0mm
Dimension	10.203mm x 10.203mm
Number of Pads	1
Number of Primitives	7

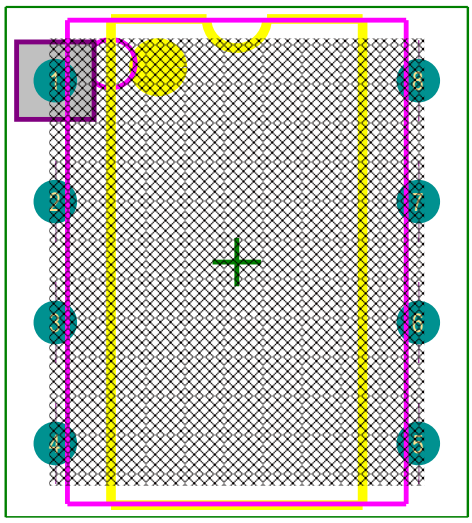


Library Reference	**PAD-SQUARE-144**
Description	PAD-SQUARE-144,L=12mm
Height	0mm
Dimension	12.203mm x 12.203mm
Number of Pads	1
Number of Primitives	7

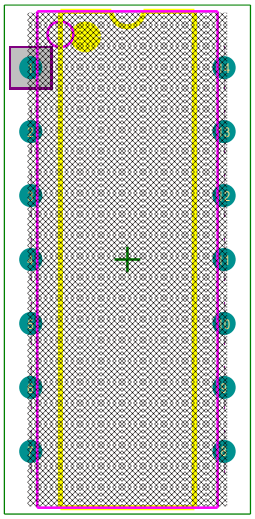
Library Reference	**PAD-SQUARE-225**
Description	PAD-SQUARE-225,L=15mm
Height	0mm
Dimension	15.203mm x 15.203mm
Number of Pads	1
Number of Primitives	7



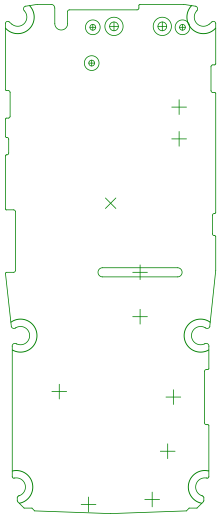
Library Reference	**PDIP-6(4N26)**
Description	
Height	0mm
Dimension	10.703mm x 7.7mm
Number of Pads	6
Number of Primitives	12



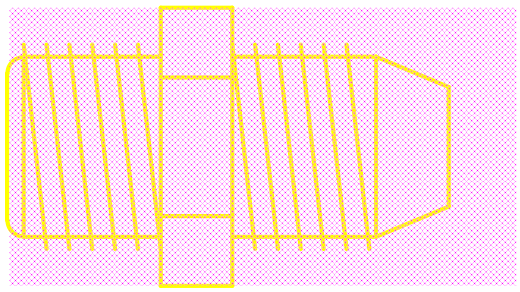
Library Reference	**PDIP-8**
Description	PDIP, 8-Leads, Body 9.5x6.604mm, Pitch 2.54mm
Height	5.34mm
Dimension	9.75mm x 10.75mm
Number of Pads	8
Number of Primitives	27



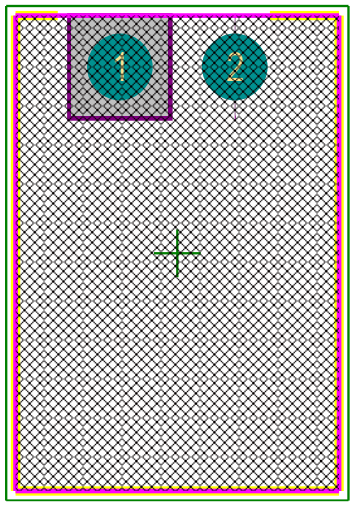
Library Reference	**PDIP-14**
Description	DIP, 14-Leads, Body 19.177x6.604mm, Pitch 2.54mm
Height	5.34mm
Dimension	9.75mm x 20.25mm
Number of Pads	14
Number of Primitives	33



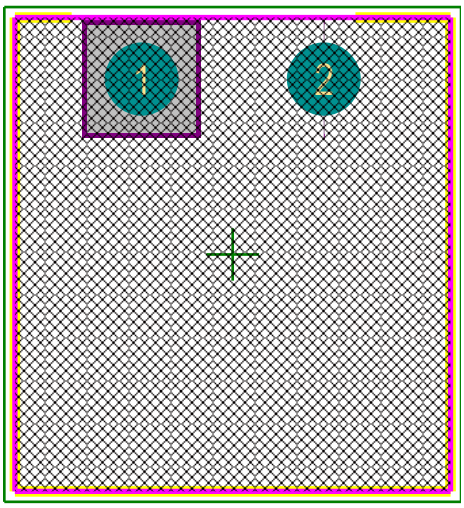
Library Reference	**PDL-851**
Description	
Height	0mm
Dimension	57.7mm x 138.95mm
Number of Pads	0
Number of Primitives	158



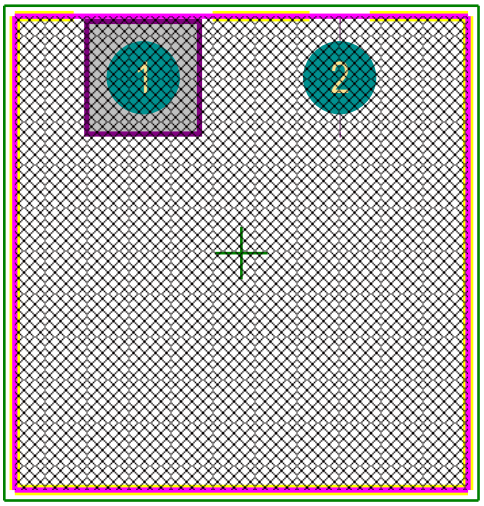
Library Reference	**PG7**
Description	Cable gland plastic - IP 68
Height	27mm
Dimension	31.272mm x 17.254mm
Number of Pads	0
Number of Primitives	31



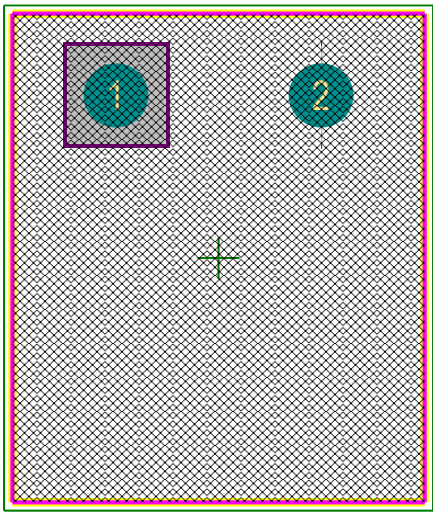
Library Reference	**Phoenix_2PIN_RA_P2.50mm**
Description	Phoenix 2 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	7.45mm x 10.55mm
Number of Pads	2
Number of Primitives	18



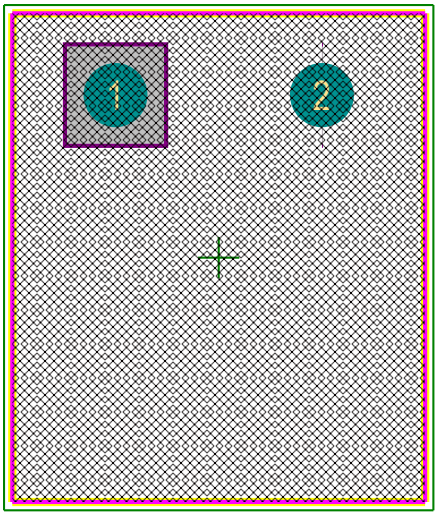
Library Reference	**Phoenix_2PIN_RA_P3.50mm**
Description	Phoenix 2 Pin; Pitch 3.50mm;
Height	7mm
Dimension	8.85mm x 9.65mm
Number of Pads	2
Number of Primitives	18



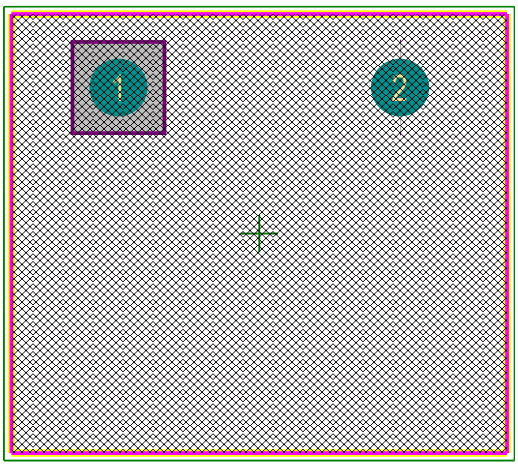
Library Reference	**Phoenix_2PIN_RA_P3.81mm**
Description	Phoenix 2 Pin; Pitch 3.81mm;
Height	7mm
Dimension	9.26mm x 9.65mm
Number of Pads	2
Number of Primitives	19



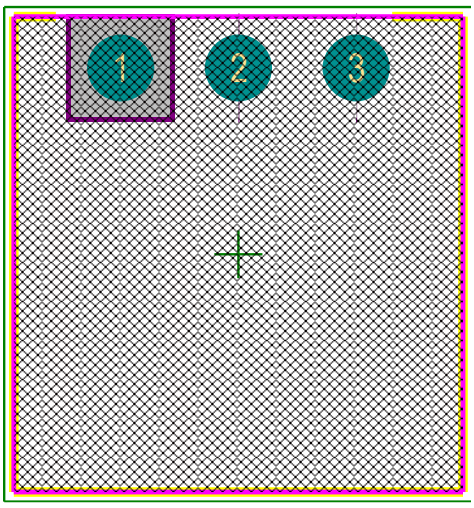
Library Reference	**Phoenix_2PIN_RA_P5.00mm**
Description	Phoenix 2 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	10.45mm x 12.45mm
Number of Pads	2
Number of Primitives	17



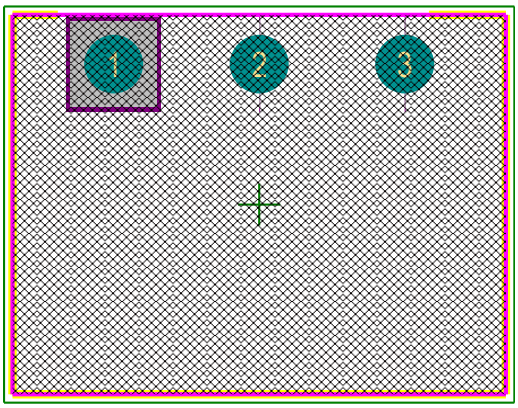
Library Reference	**Phoenix_2PIN_RA_P5.08mm**
Description	Phoenix 2 Pin; Pitch 5.08mm; Body 1016X1200
Height	8.5mm
Dimension	10.61mm x 12.45mm
Number of Pads	2
Number of Primitives	17



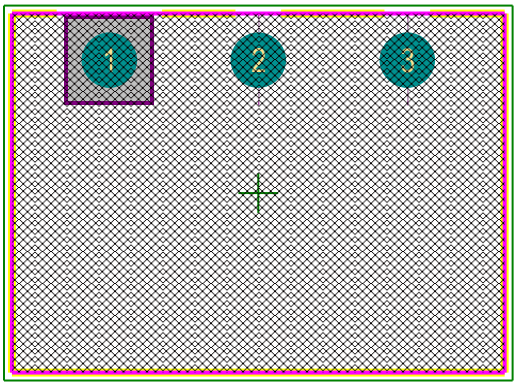
Library Reference	**Phoenix_2PIN_RA_P7.62mm**
Description	Phoenix 2 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	13.87mm x 12.45mm
Number of Pads	2
Number of Primitives	17



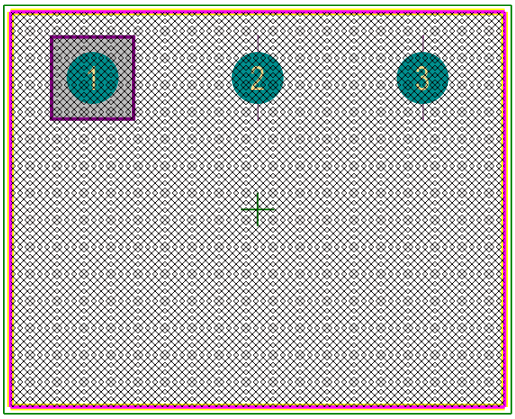
Library Reference	**Phoenix_3PIN_RA_P2.50mm**
Description	Phoenix 3 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	9.95mm x 10.55mm
Number of Pads	3
Number of Primitives	19



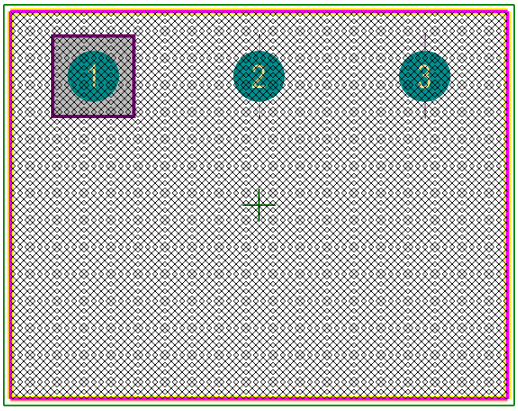
Library Reference	**Phoenix_3PIN_RA_P3.50mm**
Description	Phoenix 2 Pin; Pitch 3.50mm;
Height	7mm
Dimension	12.35mm x 9.65mm
Number of Pads	3
Number of Primitives	19



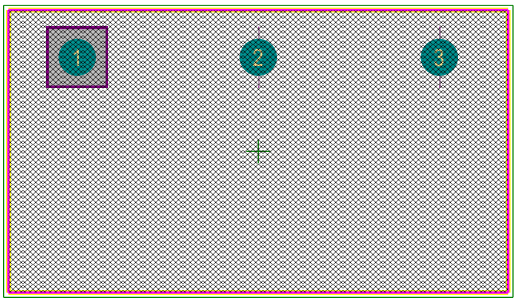
Library Reference	**Phoenix_3PIN_RA_P3.81mm**
Description	Phoenix 3 Pin; Pitch 3.81mm;
Height	7mm
Dimension	13.07mm x 9.65mm
Number of Pads	3
Number of Primitives	21



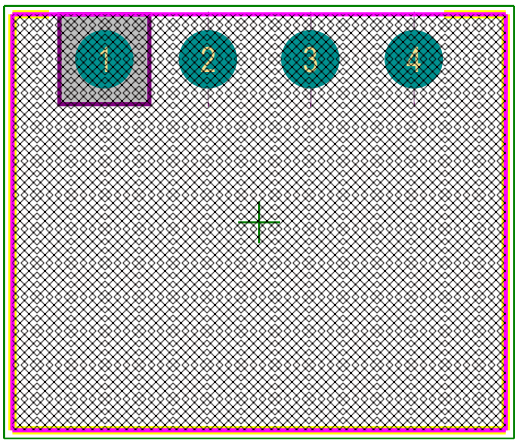
Library Reference	**Phoenix_3PIN_RA_P5.00mm**
Description	Phoenix 3 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	15.45mm x 12.45mm
Number of Pads	3
Number of Primitives	18



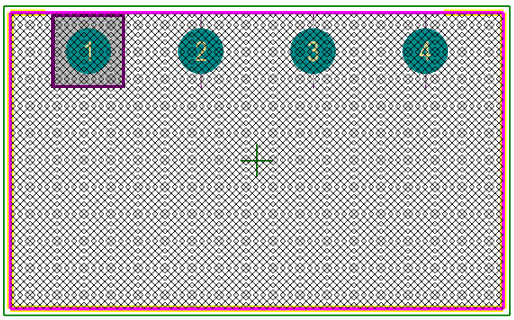
Library Reference	**Phoenix_3PIN_RA_P5.08mm**
Description	Phoenix 3 Pin; Pitch 5.08mm; Body 1524X1200
Height	8.5mm
Dimension	15.69mm x 12.45mm
Number of Pads	3
Number of Primitives	18



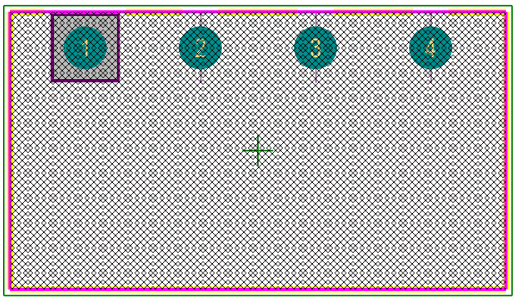
Library Reference	**Phoenix_3PIN_RA_P7.62mm**
Description	Phoenix 3 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	21.49mm x 12.45mm
Number of Pads	3
Number of Primitives	18



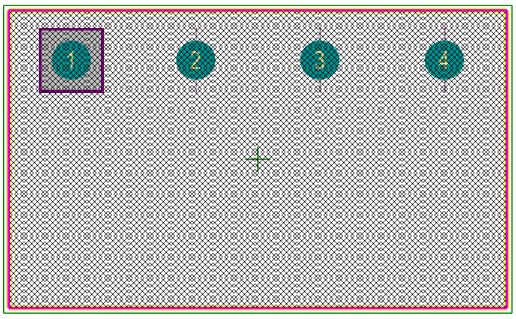
Library Reference	**Phoenix_4PIN_RA_P2.50mm**
Description	Phoenix 4 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	12.45mm x 10.55mm
Number of Pads	4
Number of Primitives	20



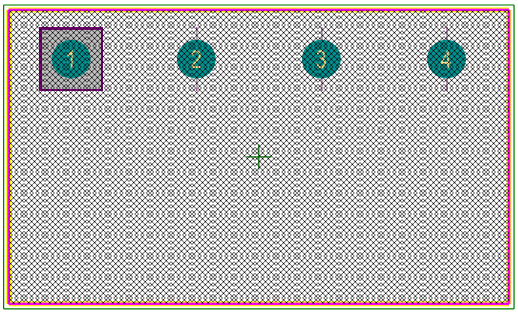
Library Reference	**Phoenix_4PIN_RA_P3.50mm**
Description	Phoenix 4 Pin; Pitch 3.50mm;
Height	7mm
Dimension	15.85mm x 9.65mm
Number of Pads	4
Number of Primitives	20



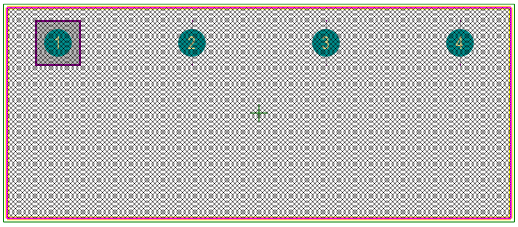
Library Reference	**Phoenix_4PIN_RA_P3.81mm**
Description	Phoenix 4 Pin; Pitch 3.81mm;
Height	7mm
Dimension	16.88mm x 9.65mm
Number of Pads	4
Number of Primitives	23



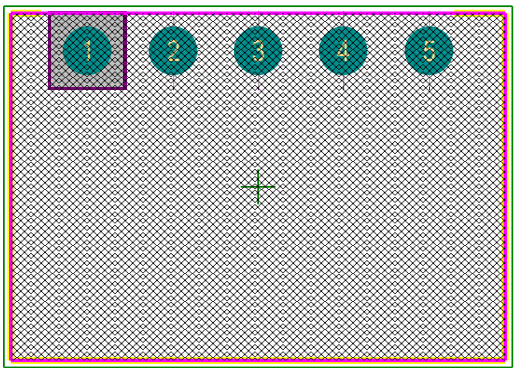
Library Reference	**Phoenix_4PIN_RA_P5.00mm**
Description	Phoenix 4 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	20.45mm x 12.45mm
Number of Pads	4
Number of Primitives	19



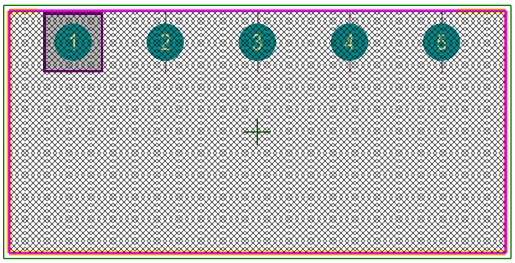
Library Reference	**Phoenix_4PIN_RA_P5.08mm**
Description	Phoenix 4 Pin; Pitch 5.08mm; Body 2032X1200
Height	8.5mm
Dimension	20.77mm x 12.45mm
Number of Pads	4
Number of Primitives	19



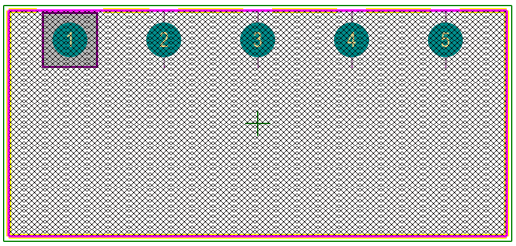
Library Reference	**Phoenix_4PIN_RA_P7.62mm**
Description	Phoenix 4 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	29.11mm x 12.45mm
Number of Pads	4
Number of Primitives	19



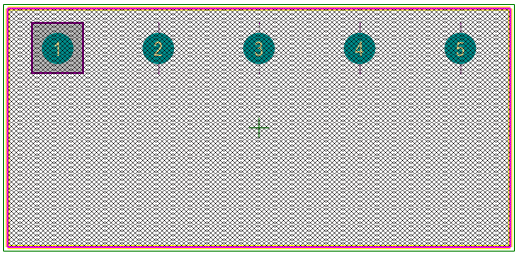
Library Reference	**Phoenix_5PIN_RA_P2.50mm**
Description	Phoenix 5 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	14.95mm x 10.55mm
Number of Pads	5
Number of Primitives	21



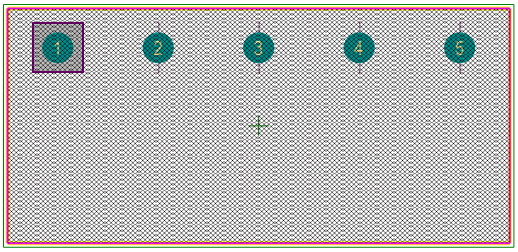
Library Reference	**Phoenix_5PIN_RA_P3.50mm**
Description	Phoenix 5 Pin; Pitch 3.50mm;
Height	7mm
Dimension	19.35mm x 9.65mm
Number of Pads	5
Number of Primitives	21



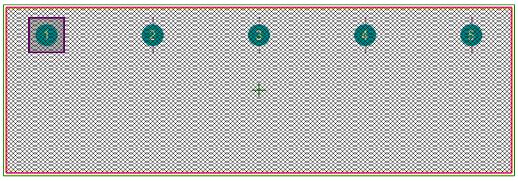
Library Reference	**Phoenix_5PIN_RA_P3.81mm**
Description	Phoenix 5 Pin; Pitch 3.81mm;
Height	7mm
Dimension	20.69mm x 9.65mm
Number of Pads	5
Number of Primitives	25



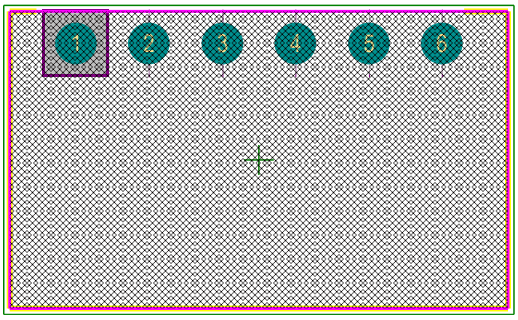
Library Reference	**Phoenix_5PIN_RA_P5.00mm**
Description	Phoenix 5 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	25.45mm x 12.45mm
Number of Pads	5
Number of Primitives	20



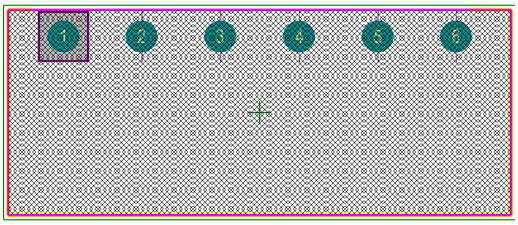
Library Reference	**Phoenix_5PIN_RA_P5.08mm**
Description	Phoenix 5 Pin; Pitch 5.08mm; Body 2540X1200
Height	8.5mm
Dimension	25.85mm x 12.45mm
Number of Pads	5
Number of Primitives	20



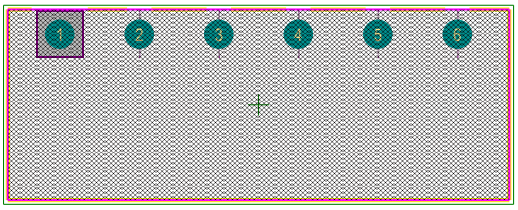
Library Reference	**Phoenix_5PIN_RA_P7.62mm**
Description	Phoenix 5 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	36.73mm x 12.45mm
Number of Pads	5
Number of Primitives	20



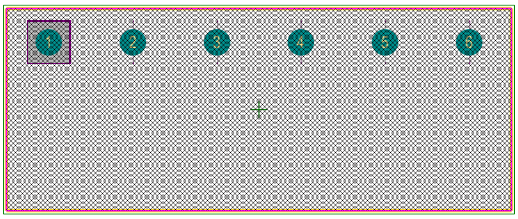
Library Reference	**Phoenix_6PIN_RA_P2.50mm**
Description	Phoenix 6 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	17.45mm x 10.55mm
Number of Pads	6
Number of Primitives	22



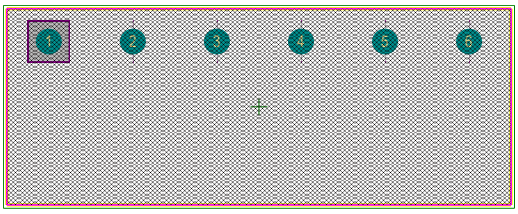
Library Reference	**Phoenix_6PIN_RA_P3.50mm**
Description	Phoenix 6 Pin; Pitch 3.50mm;
Height	7mm
Dimension	22.85mm x 9.65mm
Number of Pads	6
Number of Primitives	22



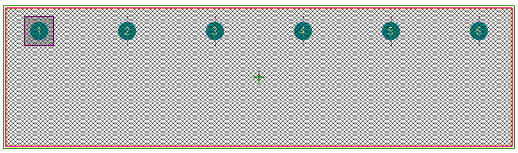
Library Reference	**Phoenix_6PIN_RA_P3.81mm**
Description	Phoenix 6 Pin; Pitch 3.81mm;
Height	7mm
Dimension	24.5mm x 9.65mm
Number of Pads	6
Number of Primitives	27



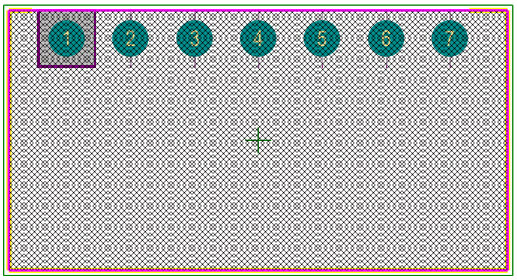
Library Reference	**Phoenix_6PIN_RA_P5.00mm**
Description	Phoenix 6 Pin; Pitch 5.08mm; Body 3048X1200
Height	8.5mm
Dimension	30.45mm x 12.45mm
Number of Pads	6
Number of Primitives	21



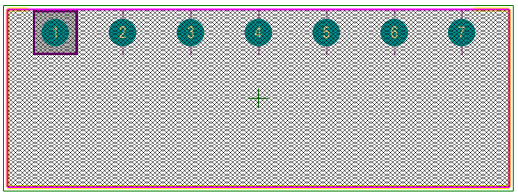
Library Reference	**Phoenix_6PIN_RA_P5.08mm**
Description	Phoenix 6 Pin; Pitch 5.08mm; Body 3048X1200
Height	8.5mm
Dimension	30.93mm x 12.45mm
Number of Pads	6
Number of Primitives	21



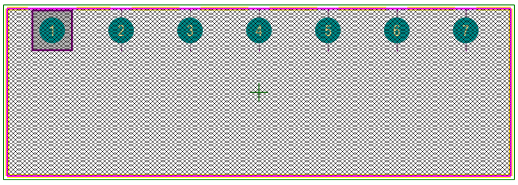
Library Reference	**Phoenix_6PIN_RA_P7.62mm**
Description	Phoenix 6 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	44.35mm x 12.45mm
Number of Pads	6
Number of Primitives	21



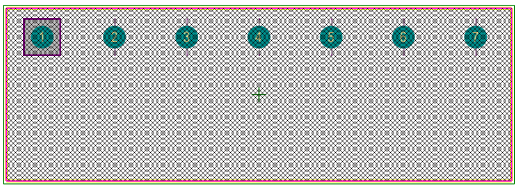
Library Reference	**Phoenix_7PIN_RA_P2.50mm**
Description	Phoenix 7 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	19.95mm x 10.55mm
Number of Pads	7
Number of Primitives	23



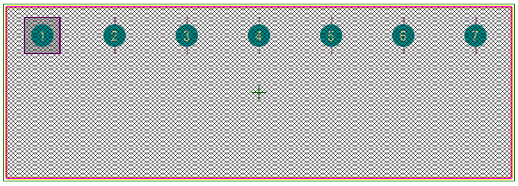
Library Reference	**Phoenix_7PIN_RA_P3.50mm**
Description	Phoenix 7 Pin; Pitch 3.50mm;
Height	7mm
Dimension	26.35mm x 9.65mm
Number of Pads	7
Number of Primitives	23



Library Reference	**Phoenix_7PIN_RA_P3.81mm**
Description	Phoenix 7 Pin; Pitch 3.81mm;
Height	7mm
Dimension	28.31mm x 9.65mm
Number of Pads	7
Number of Primitives	29

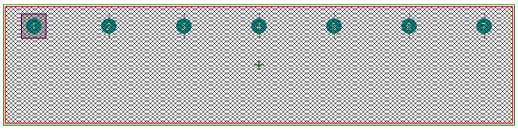


Library Reference	**Phoenix_7PIN_RA_P5.00mm**
Description	Phoenix 7 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	35.45mm x 12.45mm
Number of Pads	7
Number of Primitives	22

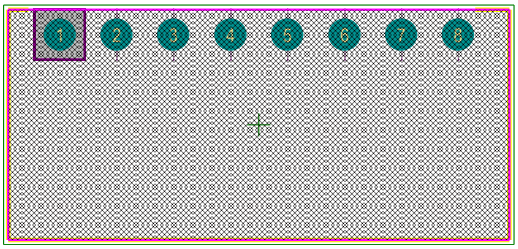


Library Reference	**Phoenix_7PIN_RA_P5.08mm**
Description	Phoenix 7 Pin; Pitch 5.08mm; Body 3556X1200
Height	8.5mm
Dimension	36.01mm x 12.45mm

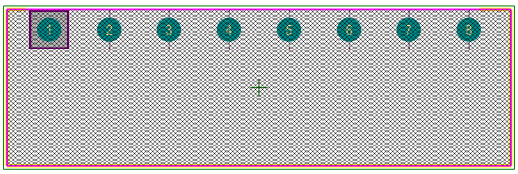
Number of Pads	7
Number of Primitives	22



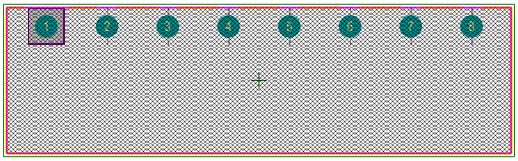
Library Reference	**Phoenix_7PIN_RA_P7.62mm**
Description	Phoenix 7 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	51.97mm x 12.45mm
Number of Pads	7
Number of Primitives	22



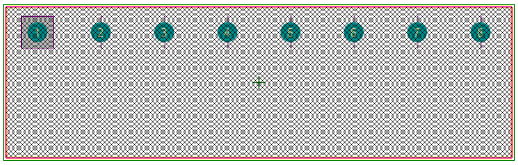
Library Reference	**Phoenix_8PIN_RA_P2.50mm**
Description	Phoenix 8 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	22.45mm x 10.55mm
Number of Pads	8
Number of Primitives	24



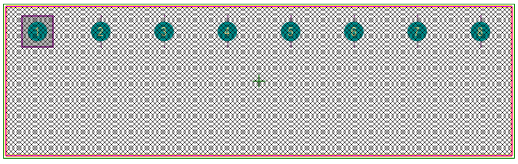
Library Reference	**Phoenix_8PIN_RA_P3.50mm**
Description	Phoenix 8 Pin; Pitch 3.50mm;
Height	7mm
Dimension	29.85mm x 9.65mm
Number of Pads	8
Number of Primitives	24



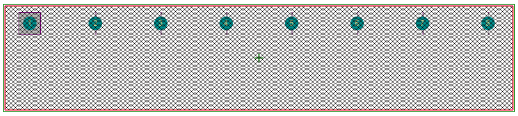
Library Reference	**Phoenix_8PIN_RA_P3.81mm**
Description	Phoenix 8 Pin; Pitch 3.81mm;
Height	7mm
Dimension	32.12mm x 9.65mm
Number of Pads	8
Number of Primitives	31



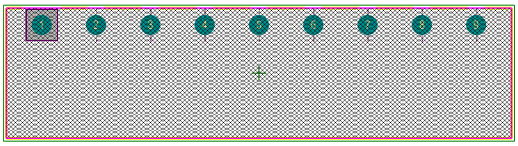
Library Reference	**Phoenix_8PIN_RA_P5.00mm**
Description	Phoenix 8 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	40.45mm x 12.45mm
Number of Pads	8
Number of Primitives	23



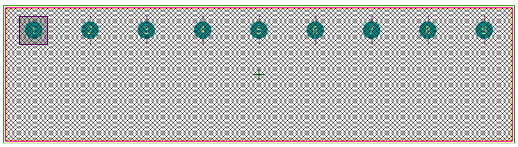
Library Reference	**Phoenix_8PIN_RA_P5.08mm**
Description	Phoenix 8 Pin; Pitch 5.08mm; Body 4064X1200
Height	8.5mm
Dimension	41.09mm x 12.45mm
Number of Pads	8
Number of Primitives	23



Library Reference	**Phoenix_8PIN_RA_P7.62mm**
Description	Phoenix 8 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	59.59mm x 12.45mm
Number of Pads	8
Number of Primitives	23

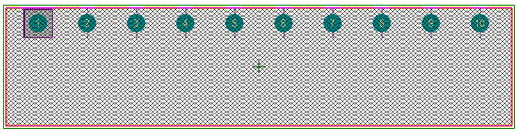


Library Reference	**Phoenix_9PIN_RA_P3.81mm**
Description	Phoenix 9 Pin; Pitch 3.81mm;
Height	7mm
Dimension	35.93mm x 9.65mm
Number of Pads	9
Number of Primitives	33

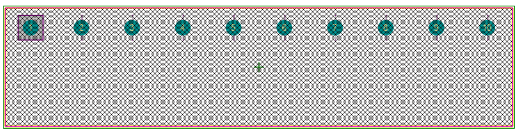


Library Reference	**Phoenix_9PIN_RA_P5.08mm**
Description	Phoenix 9 Pin; Pitch 5.08mm; Body 4572X1200
Height	8.5mm

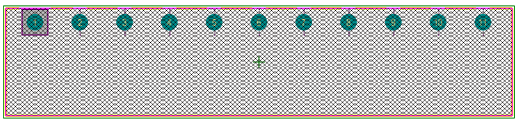
Dimension	46.17mm x 12.45mm
Number of Pads	9
Number of Primitives	24



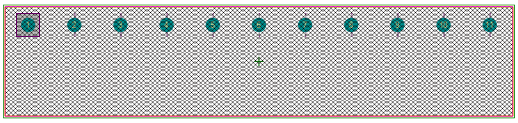
Library Reference	**Phoenix_10PIN_RA_P3.81mm**
Description	Phoenix 10 Pin; Pitch 3.81mm;
Height	7mm
Dimension	39.74mm x 9.65mm
Number of Pads	10
Number of Primitives	35



Library Reference	**Phoenix_10PIN_RA_P5.08mm**
Description	Phoenix 10 Pin; Pitch 5.08mm; Body 5080X1200
Height	8.5mm
Dimension	51.25mm x 12.45mm
Number of Pads	10
Number of Primitives	25

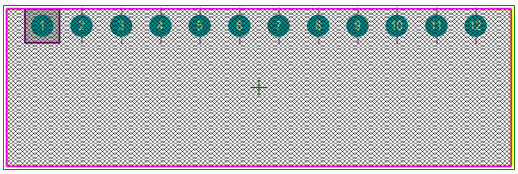


Library Reference	**Phoenix_11PIN_RA_P3.81mm**
Description	Phoenix 11 Pin; Pitch 3.81mm;
Height	7mm
Dimension	43.55mm x 9.65mm
Number of Pads	11
Number of Primitives	37

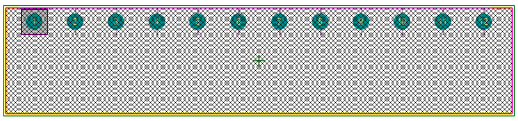


Library Reference	**Phoenix_11PIN_RA_P5.08mm**
Description	Phoenix 11 Pin; Pitch 5.08mm; Body 5588X1200
Height	8.5mm
Dimension	56.33mm x 12.45mm
Number of Pads	11

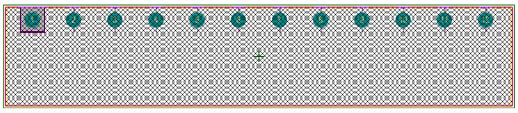
	Number of Primitives	26



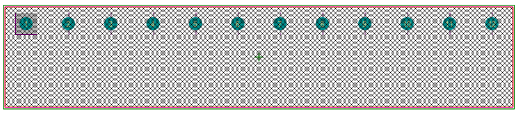
Library Reference	**Phoenix_12PIN_RA_P2.50mm**
Description	Phoenix 12 Pin; Pitch 2.50mm;
Height	8.1mm
Dimension	32.45mm x 10.55mm
Number of Pads	12
Number of Primitives	28



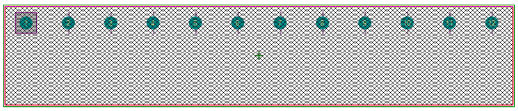
Library Reference	**Phoenix_12PIN_RA_P3.50mm**
Description	Phoenix 12 Pin; Pitch 3.50mm;
Height	7mm
Dimension	43.85mm x 9.65mm
Number of Pads	12
Number of Primitives	28



Library Reference	**Phoenix_12PIN_RA_P3.81mm**
Description	Phoenix 12 Pin; Pitch 3.81mm;
Height	7mm
Dimension	47.36mm x 9.65mm
Number of Pads	12
Number of Primitives	39

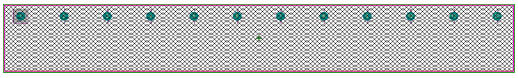


Library Reference	**Phoenix_12PIN_RA_P5.00mm**
Description	Phoenix 12 Pin; Pitch 5.08mm;
Height	8.5mm
Dimension	60.45mm x 12.45mm
Number of Pads	12
Number of Primitives	27

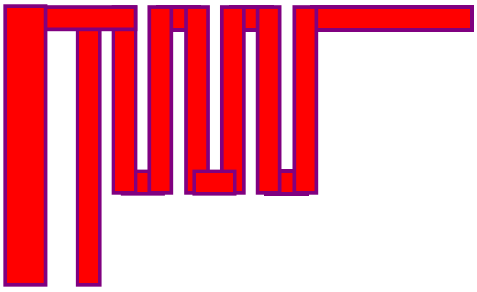


Library Reference	**Phoenix_12PIN_RA_P5.08mm**

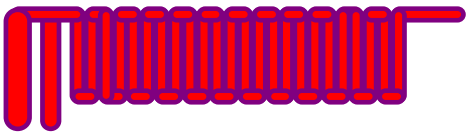
Description	Phoenix 12 Pin; Pitch 5.08mm; Body 6096X1200
Height	8.5mm
Dimension	61.41mm x 12.45mm
Number of Pads	12
Number of Primitives	27



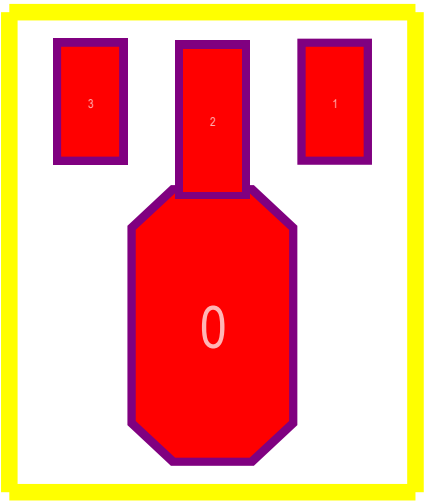
Library Reference	**Phoenix_12PIN_RA_P7.62mm**
Description	Phoenix 12 Pin; Pitch 7.62mm;
Height	8.5mm
Dimension	90.07mm x 12.45mm
Number of Pads	12
Number of Primitives	27



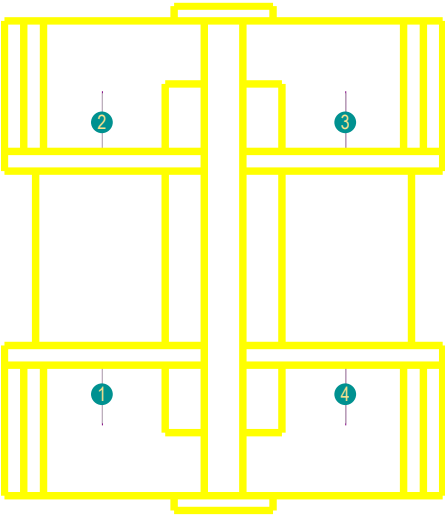
Library Reference	**PIFA_LARGE**
Description	
Height	0mm
Dimension	13.003mm x 7.703mm
Number of Pads	15
Number of Primitives	15



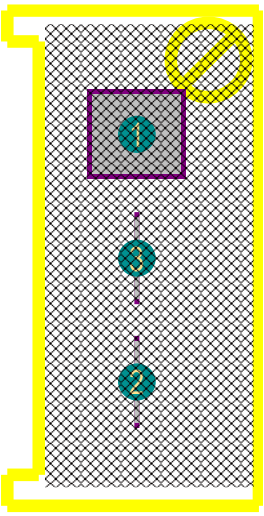
Library Reference	**PIFA_SMALL**
Description	
Height	0mm
Dimension	9.953mm x 2.728mm
Number of Pads	51
Number of Primitives	51



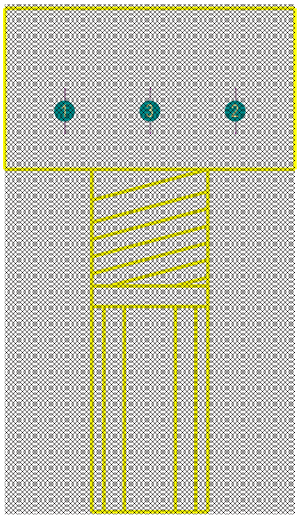
Library Reference	**PK03**
Description	SOT-89; Body 4.6 x 4.25 mm, inc. leads (LxW max)
Height	1.6mm
Dimension	6mm x 6.2mm
Number of Pads	4
Number of Primitives	9



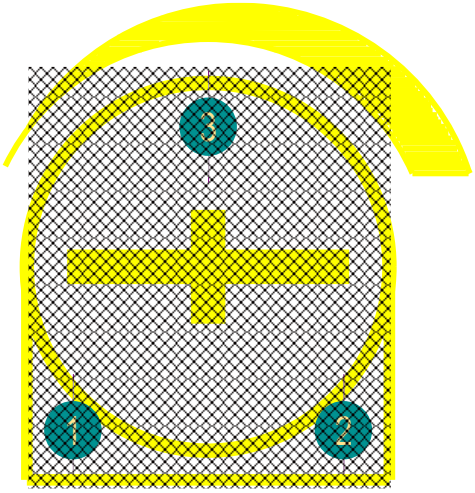
Library Reference	**PLY17**
Description	EMI Suppression Filter (EMIFIL) for AC Power Lines
Height	12.5mm
Dimension	22.881mm x 26.381mm
Number of Pads	4
Number of Primitives	46



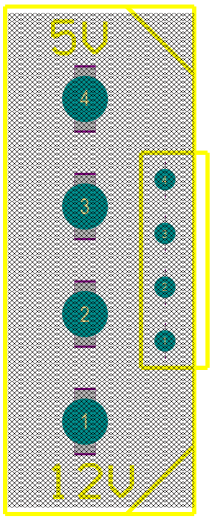
Library Reference	**POT-MULTITURN**
Description	multi turn potentiometer
Height	0mm
Dimension	5.334mm x 10.414mm
Number of Pads	3
Number of Primitives	14



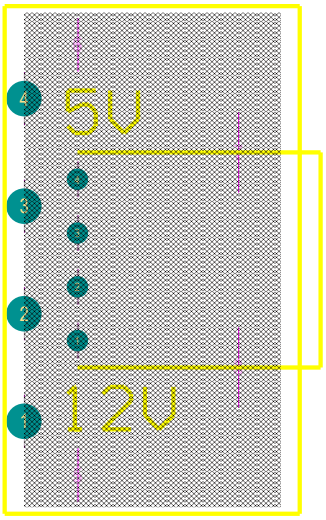
Library Reference	**POT_WH148**
Description	Chip Variable Resistor, 3-Leads, Body 5x5x5mm
Height	21mm
Dimension	17.2mm x 29.8mm
Number of Pads	3
Number of Primitives	24



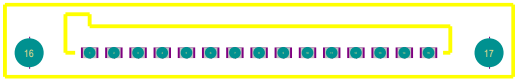
Library Reference	**POTENTIOMETER**
Description	
Height	4.7mm
Dimension	8.292mm x 8.462mm
Number of Pads	3
Number of Primitives	56



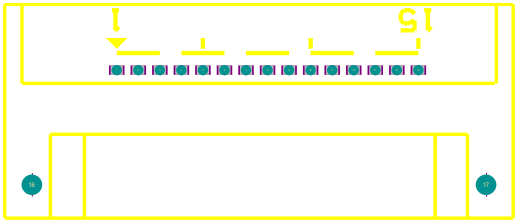
Library Reference	**POW4P-MOLEX**
Description	4P power connector for hard drive or floppy
Height	0mm
Dimension	9.852mm x 24.203mm
Number of Pads	8
Number of Primitives	25



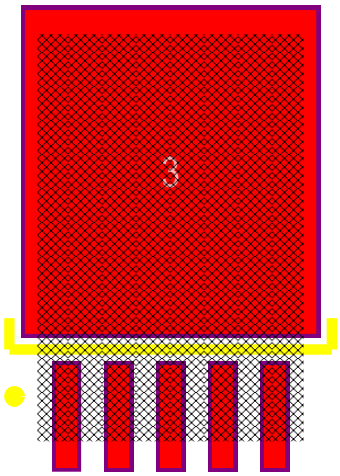
Library Reference	**POW4P-MOLEX-BENT**
Description	4P power connector for hard drive or floppy
Height	0mm
Dimension	15.432mm x 24.2mm
Number of Pads	12
Number of Primitives	22



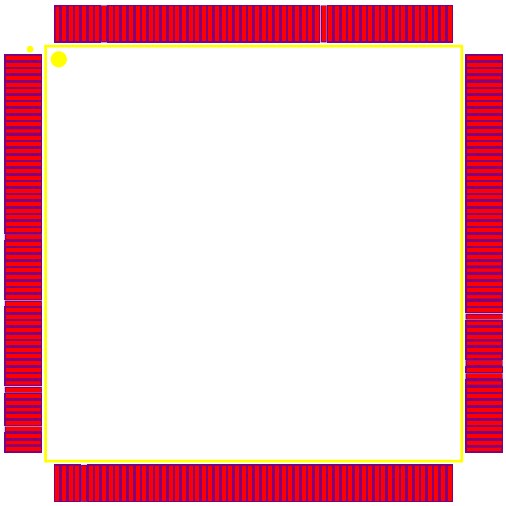
Library Reference	**POW15P-SATA**
Description	15P power connector for serial ata interface
Height	0mm
Dimension	26.87mm x 4.01mm
Number of Pads	17
Number of Primitives	28



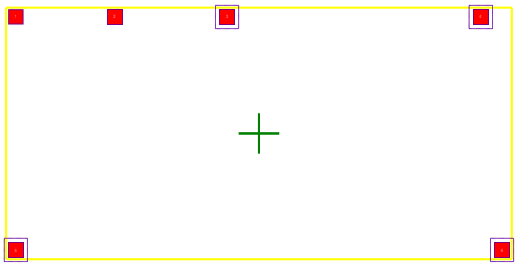
Library Reference	**POW15P-SATA-BENT**
Description	15P power connector for serial ata interface
Height	0mm
Dimension	30.18mm x 12.9mm
Number of Pads	17
Number of Primitives	40



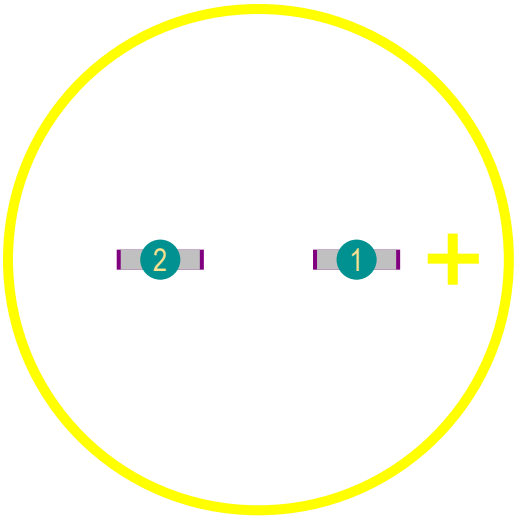
Library Reference	**PQ20VZ11**
Description	
Height	20mm
Dimension	8.128mm x 11.343mm
Number of Pads	6
Number of Primitives	11



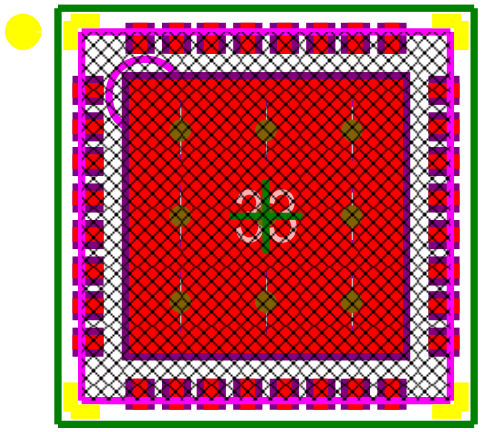
Library Reference	**PQFP-240**
Description	
Height	0mm
Dimension	37.435mm x 37.435mm
Number of Pads	240
Number of Primitives	246



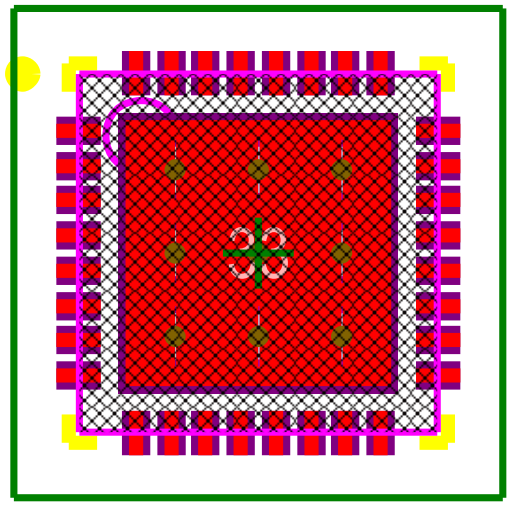
Library Reference	**PRO-OB-468**
Description	OnBoard SMD GSM/UMTS antenna
Height	10mm
Dimension	50.31mm x 25.45mm
Number of Pads	6
Number of Primitives	20



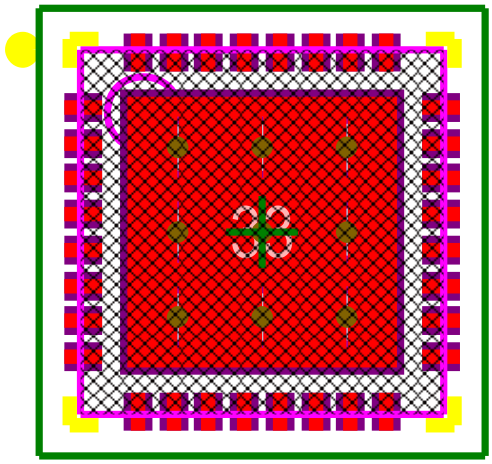
Library Reference	**PS1240P02CT3**
Description	Piezoelectronic Buzzers, Pin terminal/Lead Without oscillator circuit
Height	3.8mm
Dimension	12.954mm x 12.954mm
Number of Pads	2
Number of Primitives	4



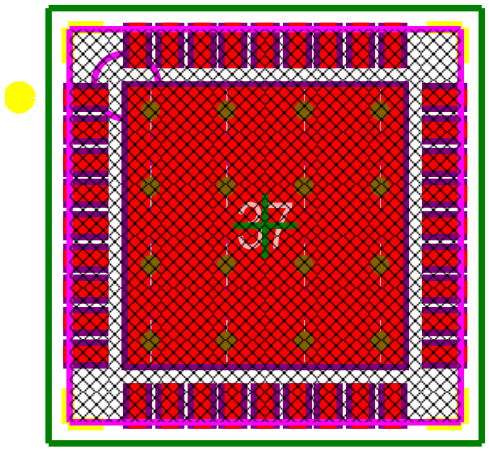
Library Reference	**PVQFN32_L**
Description	QFN, 32-Leads, Body 5x5mm, Pitch 0.5mm, IPC High Density
Height	1mm
Dimension	6.575mm x 5.9mm
Number of Pads	33
Number of Primitives	63



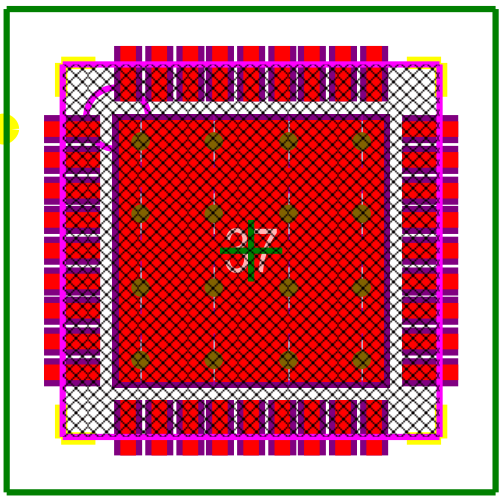
Library Reference	**PVQFN32_M**
Description	QFN, 32-Leads, Body 5x5mm, Pitch 0.5mm, IPC Low Density
Height	1mm
Dimension	7.175mm x 7.1mm
Number of Pads	33
Number of Primitives	63



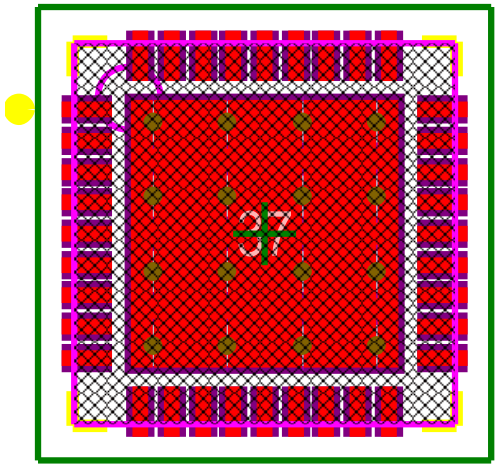
Library Reference	**PVQFN32_N**
Description	QFN, 32-Leads, Body 5x5mm, Pitch 0.5mm, IPC Medium Density
Height	1mm
Dimension	6.825mm x 6.4mm
Number of Pads	33
Number of Primitives	63



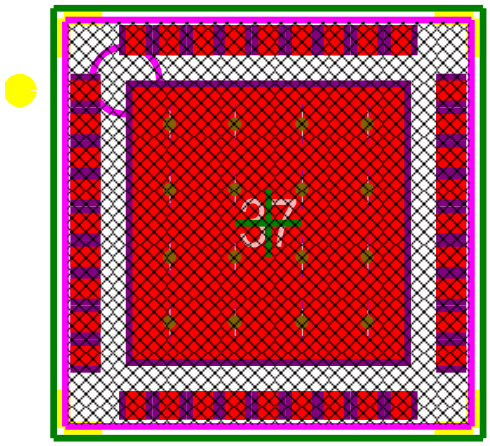
Library Reference	**PVQFN36_L**
Description	QFN, 36-Leads, Body 6x6mm, Pitch 0.5mm, IPC High Density
Height	1mm
Dimension	7.55mm x 6.9mm
Number of Pads	37
Number of Primitives	74



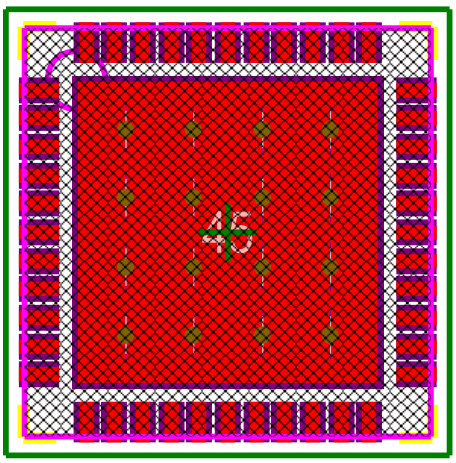
Library Reference	**PVQFN36_M**
Description	QFN, 36-Leads, Body 6x6mm, Pitch 0.5mm, IPC Low Density
Height	1mm
Dimension	8.35mm x 8.1mm
Number of Pads	37
Number of Primitives	74



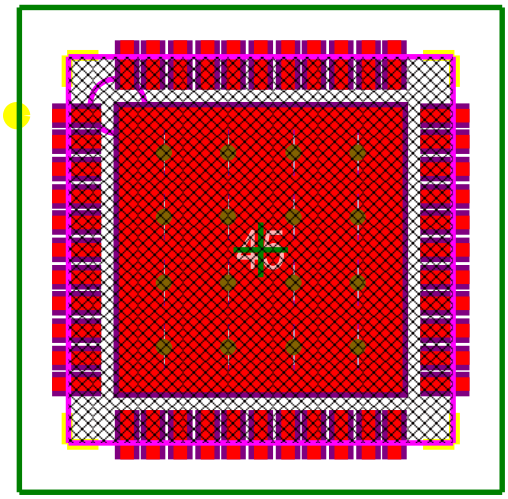
Library Reference	**PVQFN36_N**
Description	QFN, 36-Leads, Body 6x6mm, Pitch 0.5mm, IPC Medium Density
Height	1mm
Dimension	7.9mm x 7.4mm
Number of Pads	37
Number of Primitives	74



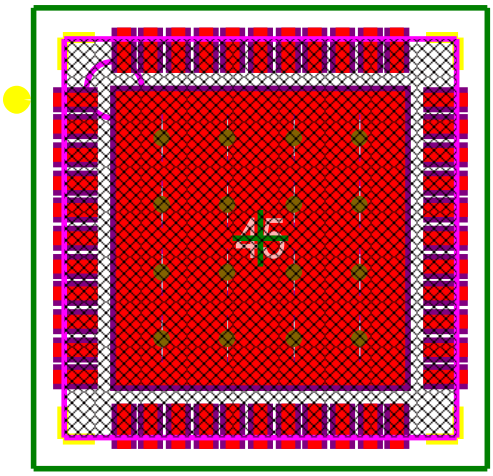
Library Reference	**PVQFN36_V**
Description	QFN, 36-Leads, Body 6x6mm, Pitch 0.5mm, ST Recommended
Height	1mm
Dimension	7.3mm x 6.6mm
Number of Pads	37
Number of Primitives	74



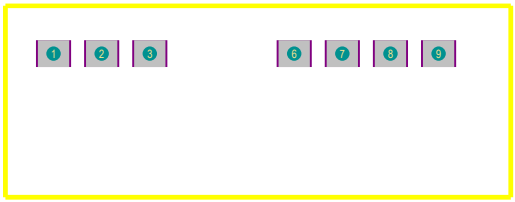
Library Reference	**PVQFN44_L**
Description	QFN, 44-Leads, Body 7x7mm, Pitch 0.5mm, IPC High Density
Height	1mm
Dimension	8.55mm x 7.9mm
Number of Pads	45
Number of Primitives	82



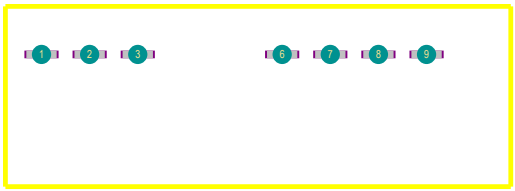
Library Reference	**PVQFN44_M**
Description	QFN, 44-Leads, Body 7x7mm, Pitch 0.5mm, IPC Low Density
Height	1mm
Dimension	9.35mm x 9.1mm
Number of Pads	45
Number of Primitives	82



Library Reference	**PVQFN44_N**
Description	QFN, 44-Leads, Body 7x7mm, Pitch 0.5mm, IPC Medium Density
Height	1mm
Dimension	8.9mm x 8.4mm
Number of Pads	45
Number of Primitives	82

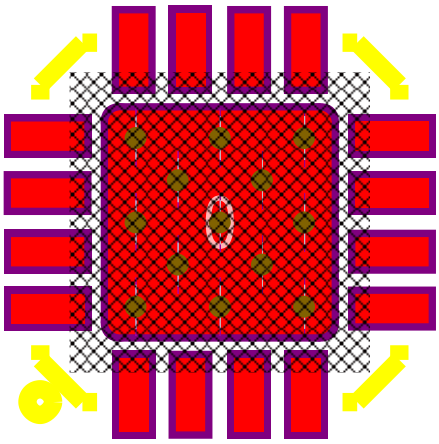


Library Reference	**PWA2415CS-2W**
Description	
Height	0mm
Dimension	26.924mm x 10.414mm
Number of Pads	7
Number of Primitives	11

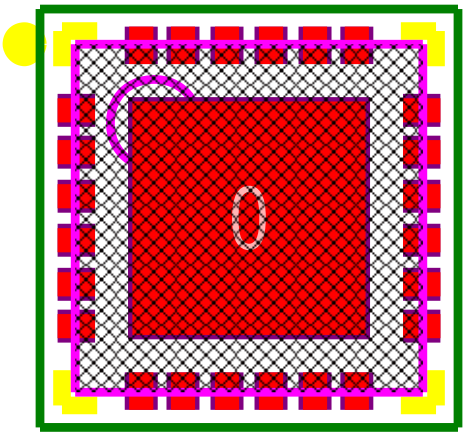


Library Reference	**PWX_CS_2W**
Description	
Height	0mm
Dimension	26.924mm x 9.779mm

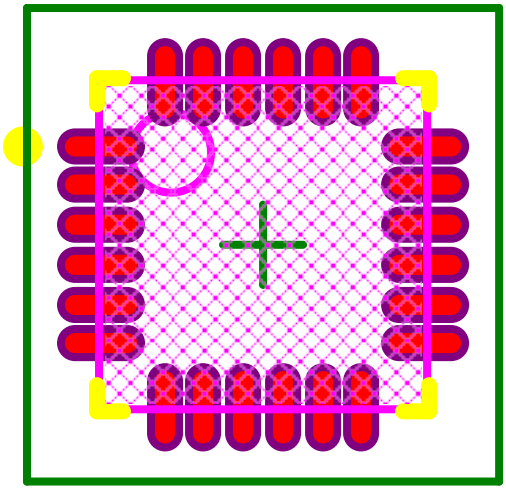
Number of Pads	7
Number of Primitives	11



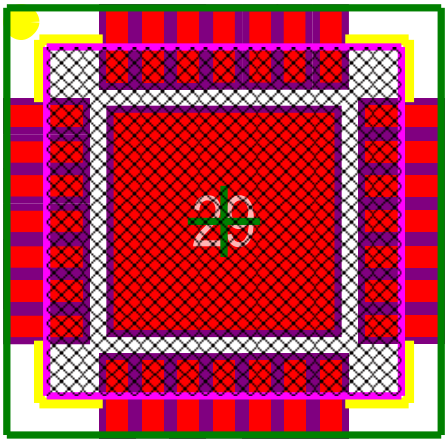
Library Reference	**QFN16_5X5**
Description	16 LEAD QUAD FLAT NO-LEAD PLASTIC PACKAGE (COMPLIANT TO JEDEC MO-220VHHB ISSUE C)
Height	1mm
Dimension	6.003mm x 6.003mm
Number of Pads	17
Number of Primitives	44



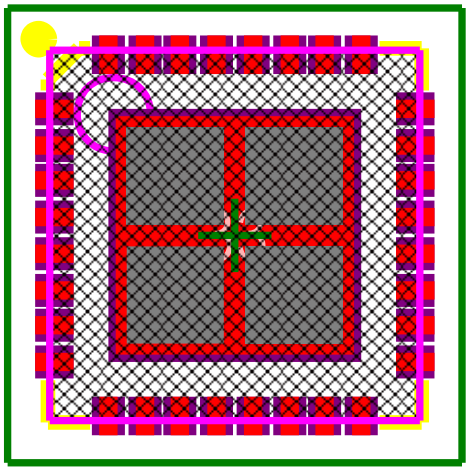
Library Reference	**QFN24**
Description	QFN24, 0.5Pitch, 4.0x4.0mm
Height	1mm
Dimension	5.313mm x 4.926mm
Number of Pads	25
Number of Primitives	44



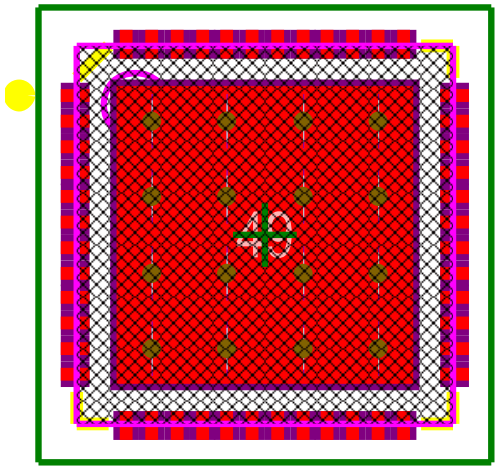
Library Reference	**QFN24-MPU**
Description	24 Lead QFN (4x4x0.9) mm NiPdAu Lead-frame finish
Height	0.9mm
Dimension	6.35mm x 6.1mm
Number of Pads	24
Number of Primitives	45



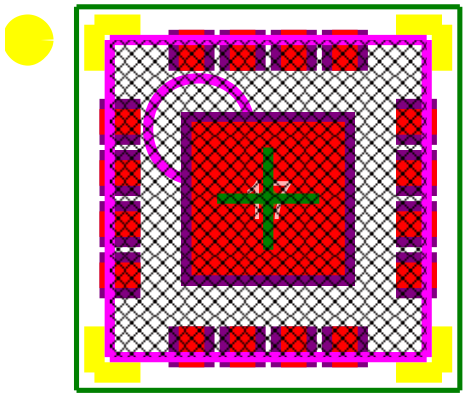
Library Reference	**QFN28**
Description	QFN28, 0.5Pitch, 5.0x5.0mm
Height	1mm
Dimension	6.203mm x 6.203mm
Number of Pads	29
Number of Primitives	49



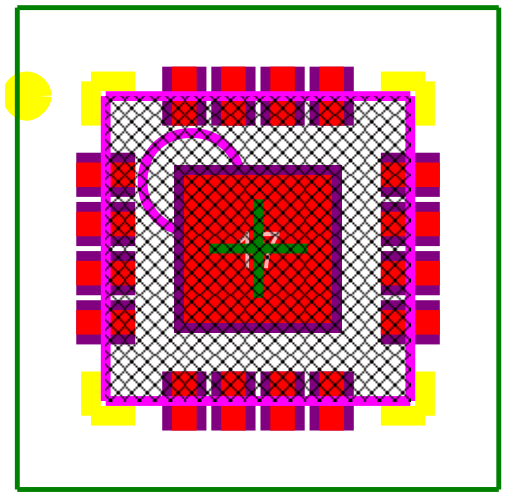
Library Reference	**QFN32**
Description	32-Pin Quad Flat No-Lead 0.5 mm Pitch, IPC High Density
Height	0.8mm
Dimension	6.4mm x 6.4mm
Number of Pads	33
Number of Primitives	59



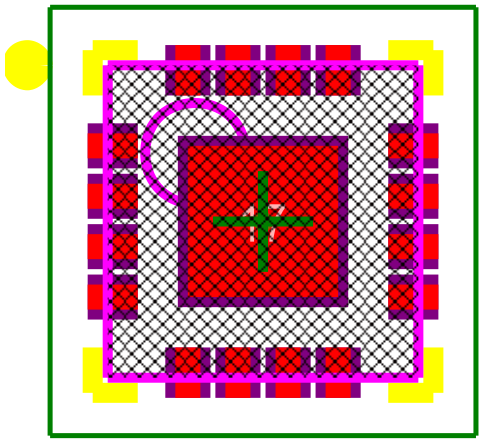
Library Reference	**QFN48**
Description	QFN, 48-Leads, Body 6,0x6,0mm (max), Pitch 0,40mm, IPC Medium Density
Height	0.9mm
Dimension	7.8mm x 7.3mm
Number of Pads	49
Number of Primitives	85



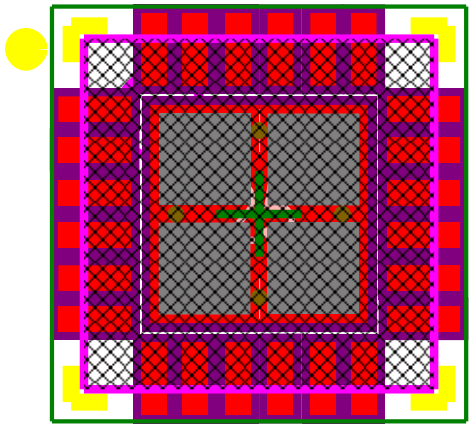
Library Reference	**QFN-MG16_L**
Description	QFN, 16-Leads, Body 3x3mm, Pitch 0.5mm, Thermal Pad 1.5x1.5mm, IPC High Density
Height	0.9mm
Dimension	4.55mm x 3.85mm
Number of Pads	17
Number of Primitives	39



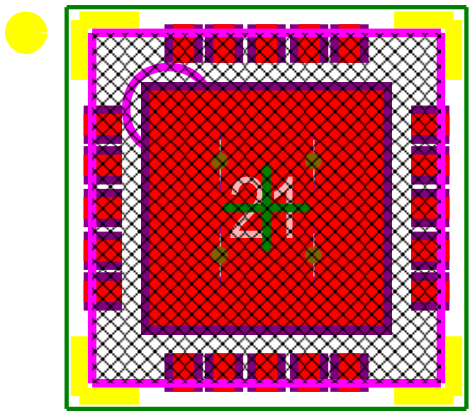
Library Reference	**QFN-MG16_M**
Description	QFN, 16-Leads, Body 3x3mm, Pitch 0.5mm, Thermal Pad 1.5x1.5mm, IPC Low Density
Height	0.9mm
Dimension	5.15mm x 5.05mm
Number of Pads	17
Number of Primitives	39



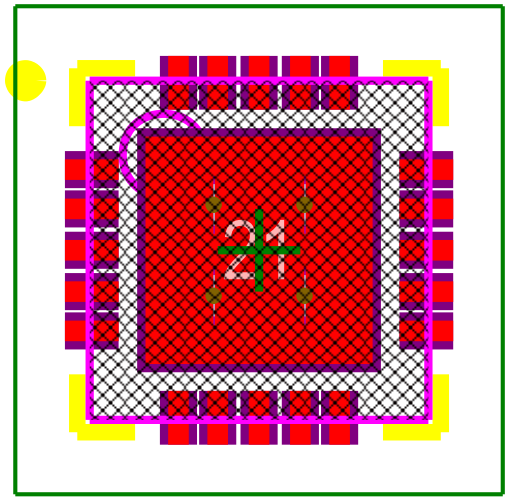
Library Reference	**QFN-MG16_N**
Description	QFN, 16-Leads, Body 3x3mm, Pitch 0.5mm, Thermal Pad 1.5x1.5mm, IPC Medium Density
Height	0.9mm
Dimension	4.8mm x 4.35mm
Number of Pads	17
Number of Primitives	39



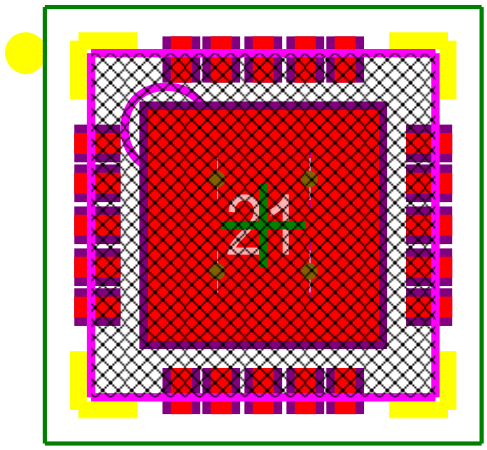
Library Reference	**QFN-MJ24**
Description	QFN, 24-Leads, Body 4x4mm, Pitch 0.5mm, Thermal Pad 2.6x2.6mm, Microchip Recommended
Height	0.9mm
Dimension	5.525mm x 5mm
Number of Pads	25
Number of Primitives	55



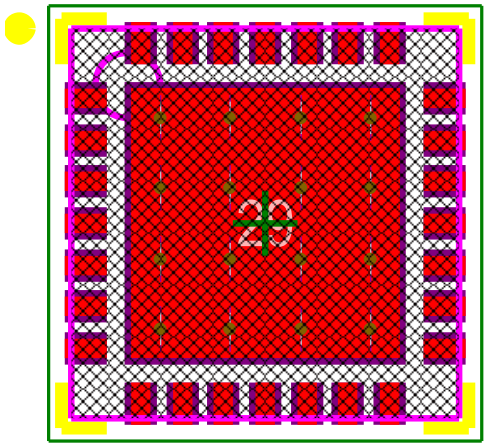
Library Reference	**QFN-ML20_L**
Description	QFN, 20-Leads, Body 4x4mm, Pitch 0.5mm, Thermal Pad 2.8x2.8mm, IPC High Density
Height	1mm
Dimension	5.55mm x 4.85mm
Number of Pads	21
Number of Primitives	46



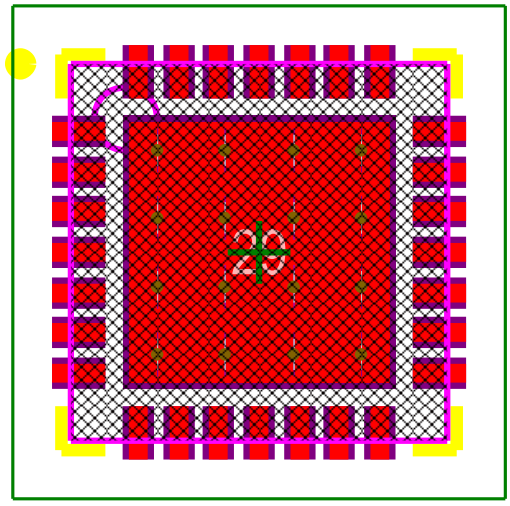
Library Reference	**QFN-ML20_M**
Description	QFN, 20-Leads, Body 4x4mm, Pitch 0.5mm, Thermal Pad 2.8x2.8mm, IPC Low Density
Height	1mm
Dimension	6.15mm x 6.05mm
Number of Pads	21
Number of Primitives	46



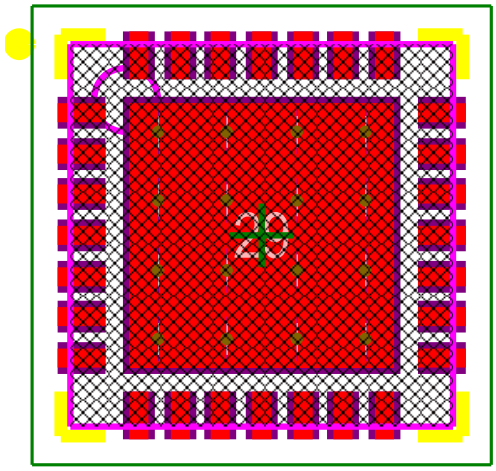
Library Reference	**QFN-ML20_N**
Description	QFN, 20-Leads, Body 4x4mm, Pitch 0.5mm, Thermal Pad 2.8x2.8mm, IPC Medium Density
Height	1mm
Dimension	5.8mm x 5.35mm
Number of Pads	21
Number of Primitives	46



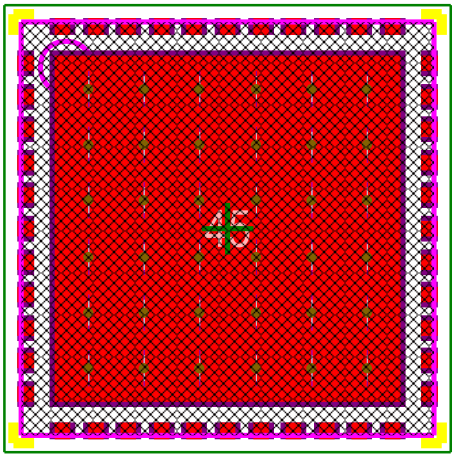
Library Reference	**QFN-ML28_L**
Description	QFN, 28-Leads, Body 6x6mm, Pitch 0.65mm, Thermal Pad 4.2x4.2mm, IPC High Density
Height	1mm
Dimension	7.525mm x 6.85mm
Number of Pads	29
Number of Primitives	66



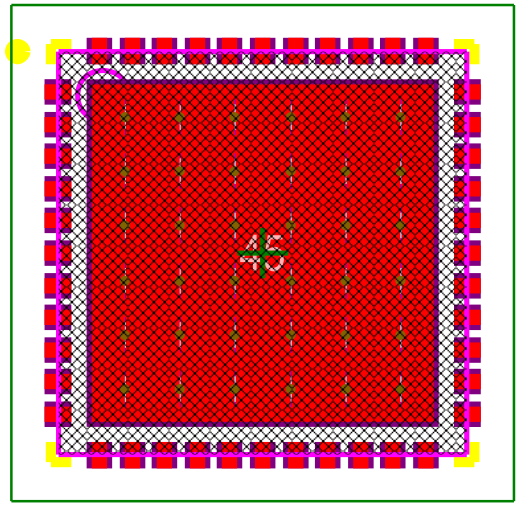
Library Reference	**QFN-ML28_M**
Description	QFN, 28-Leads, Body 6x6mm, Pitch 0.65mm, Thermal Pad 4.2x4.2mm, IPC Low Density
Height	1mm
Dimension	8.125mm x 8.05mm
Number of Pads	29
Number of Primitives	66



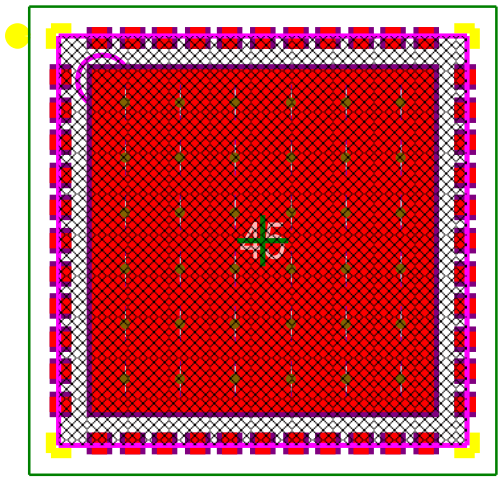
Library Reference	**QFN-ML28_N**
Description	QFN, 28-Leads, Body 6x6mm, Pitch 0.65mm, Thermal Pad 4.2x4.2mm, IPC Medium Density
Height	1mm
Dimension	7.775mm x 7.35mm
Number of Pads	29
Number of Primitives	66



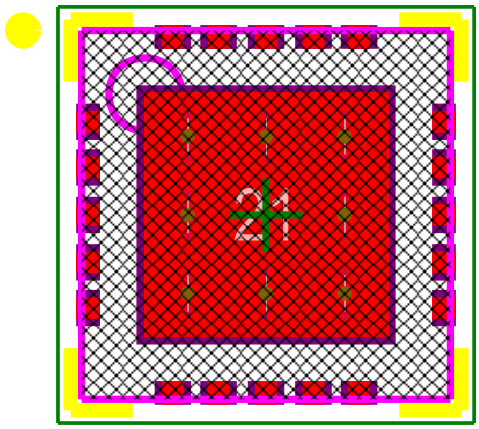
Library Reference	**QFN-ML44_L**
Description	QFN, 44-Leads, Body 8x8mm, Pitch 0.65mm, Thermal Pad 6.8x6.8mm, IPC High Density
Height	1mm
Dimension	9.55mm x 8.85mm
Number of Pads	45
Number of Primitives	102



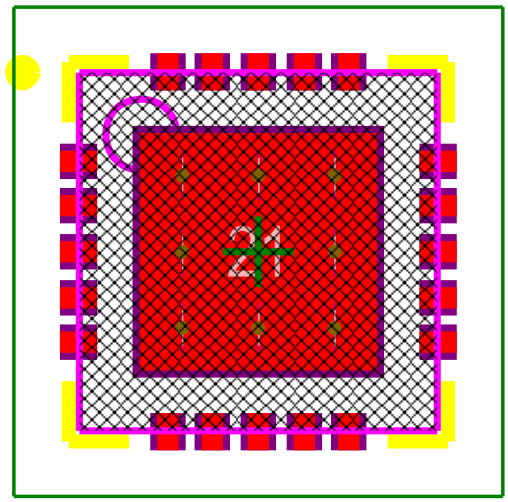
Library Reference	**QFN-ML44_M**
Description	QFN, 44-Leads, Body 8x8mm, Pitch 0.65mm, Thermal Pad 6.8x6.8mm, IPC Low Density
Height	1mm
Dimension	10.15mm x 10.05mm
Number of Pads	45
Number of Primitives	102



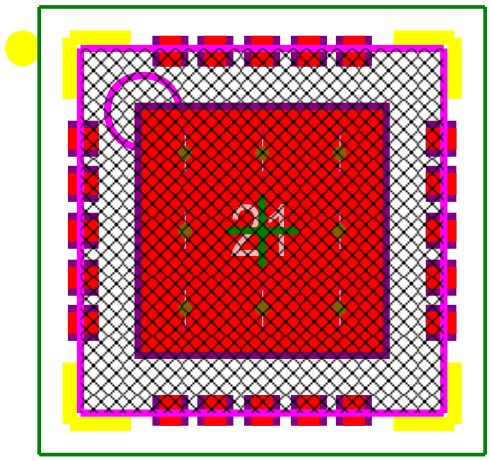
Library Reference	**QFN-ML44_N**
Description	QFN, 44-Leads, Body 8x8mm, Pitch 0.65mm, Thermal Pad 6.8x6.8mm, IPC Medium Density
Height	1mm
Dimension	9.8mm x 9.35mm
Number of Pads	45
Number of Primitives	102



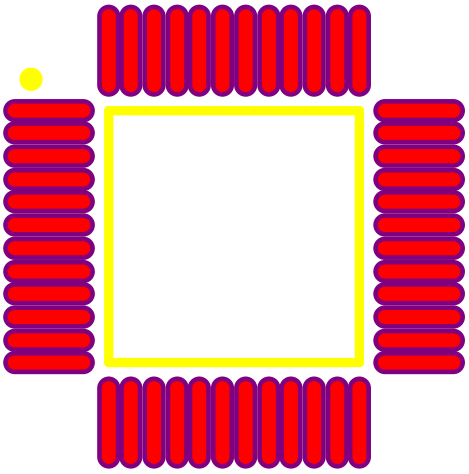
Library Reference	**QFN-MQ20_L**
Description	QFN, 20-Leads, Body 5x5mm, Pitch 0.65mm, Thermal Pad 3.4x3.4mm, IPC High Density
Height	1mm
Dimension	6.55mm x 5.85mm
Number of Pads	21
Number of Primitives	51



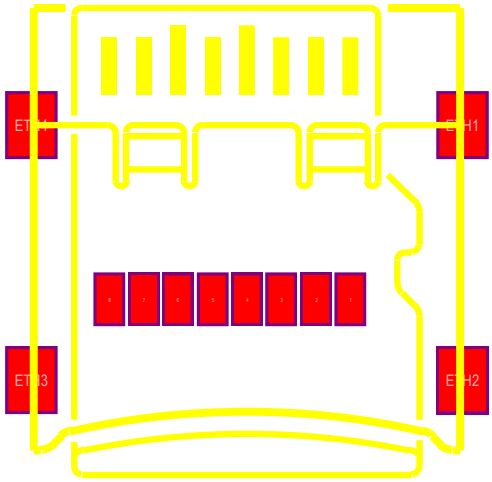
Library Reference	**QFN-MQ20_M**
Description	QFN, 20-Leads, Body 5x5mm, Pitch 0.65mm, Thermal Pad 3.4x3.4mm, IPC Low Density
Height	1mm
Dimension	7.15mm x 7.05mm
Number of Pads	21
Number of Primitives	51



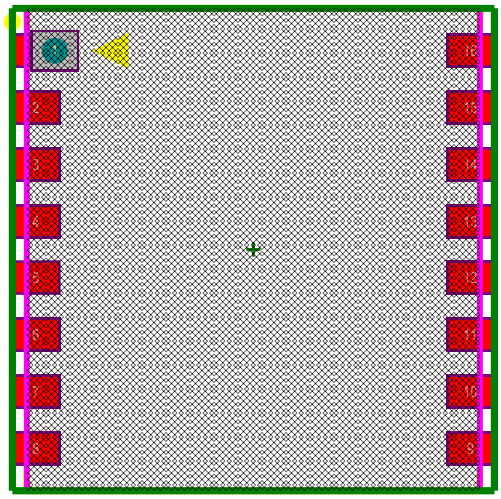
Library Reference	**QFN-MQ20_N**
Description	QFN, 20-Leads, Body 5x5mm, Pitch 0.65mm, Thermal Pad 3.4x3.4mm, IPC Medium Density
Height	1mm
Dimension	6.8mm x 6.35mm
Number of Pads	21
Number of Primitives	51



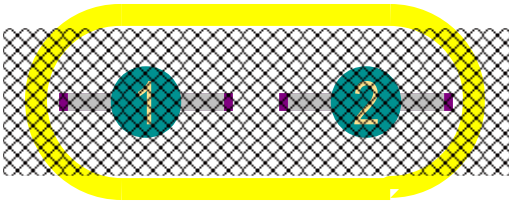
Library Reference	**QFP48**
Description	48-Pin Thin Quad Flat Pack 0.5 mm Pitch, IPC Medium Density
Height	1.6mm
Dimension	10.103mm x 10.103mm
Number of Pads	48
Number of Primitives	53



Library Reference	**R5190008-X49-R**
Description	T-Flash (Micro SD), Hinge Type, 1.10mm Pitch, SMT, 8Pin
Height	2.05mm
Dimension	15.403mm x 15.227mm
Number of Pads	12
Number of Primitives	88



Library Reference	**RA_01**
Description	RA_01 LoRa Module by AI-Thinker
Height	3.2mm
Dimension	17.426mm x 17.254mm
Number of Pads	17
Number of Primitives	36



Library Reference	**RAD-0.1**
Description	
Height	7.5mm
Dimension	5.839mm x 2.254mm
Number of Pads	2
Number of Primitives	7

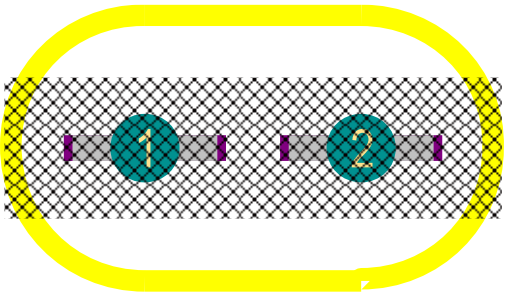
Library Reference	**RAD-0.2**
Description	Radial Cap, Thru-Hole; 2 Leads; 0.2 in Pin Spacing
Height	0mm
Dimension	9.09mm x 4.01mm

Number of Pads	2
Number of Primitives	6

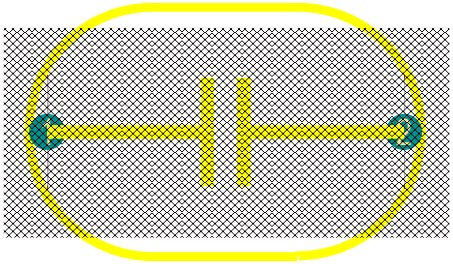
Library Reference	**RAD-0.3**
Description	Radial Cap, Thru-Hole; 2 Leads; 0.3 in Pin Spacing
Height	6mm
Dimension	11.63mm x 4.01mm
Number of Pads	2
Number of Primitives	6

Library Reference	**RAD-0.4**
Description	Radial Cap, Thru-Hole; 2 Leads; 0.4 in Pin Spacing
Height	0mm
Dimension	14.17mm x 4.01mm
Number of Pads	2
Number of Primitives	6

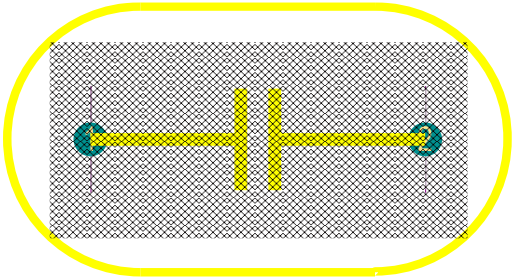
Library Reference	**RAD-0.6**
Description	
Height	0mm
Dimension	18.034mm x 5.334mm
Number of Pads	2
Number of Primitives	6



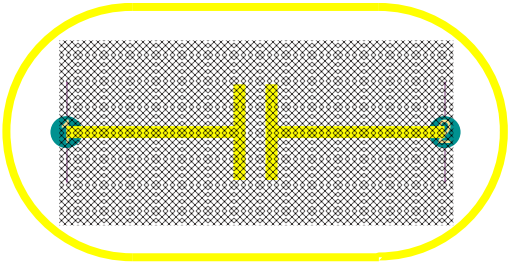
Library Reference	**RAD_2P1**
Description	Murata Cap
Height	5mm
Dimension	5.944mm x 3.404mm
Number of Pads	2
Number of Primitives	7



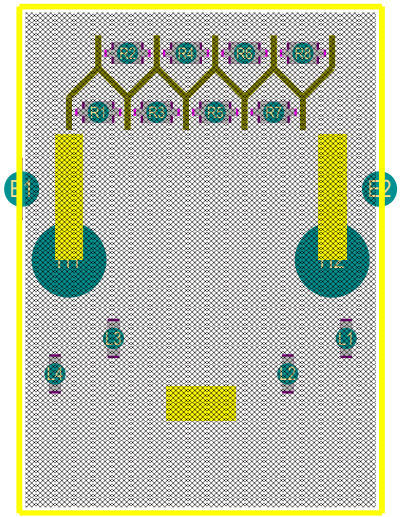
Library Reference	**RAD_A4**
Description	Ceramic Capacitor
Height	13mm
Dimension	13.203mm x 7.254mm
Number of Pads	2
Number of Primitives	11



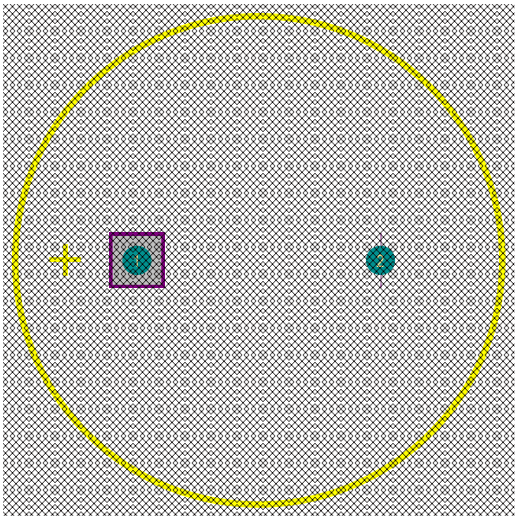
Library Reference	**RAD_A5**
Description	Ceramic Capacitor
Height	19mm
Dimension	15.254mm x 8.254mm
Number of Pads	2
Number of Primitives	11



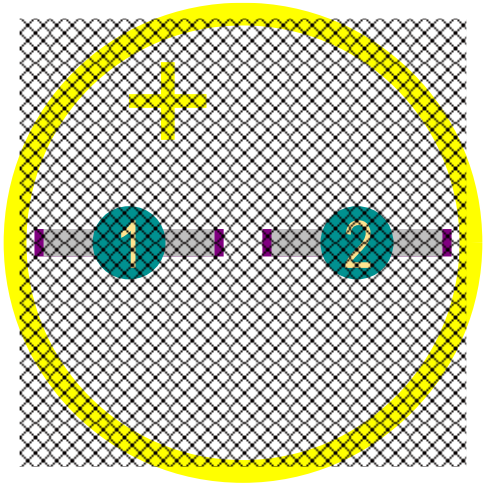
Library Reference	**RAD_A6**
Description	Ceramic Capacitor
Height	10mm
Dimension	16.067mm x 8.254mm
Number of Pads	2
Number of Primitives	11



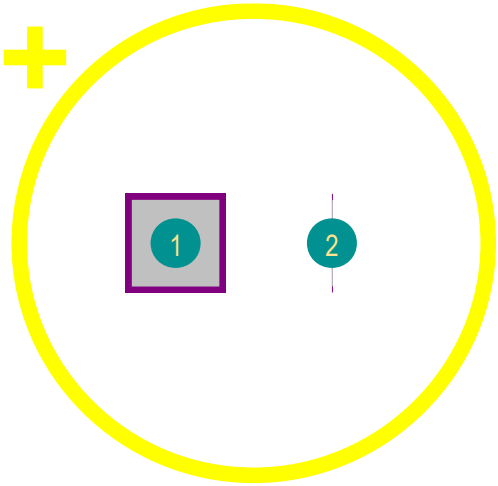
Library Reference	**RB1-126BAG1A**
Description	RJ-45
Height	13.35mm
Dimension	18.253mm x 22.034mm
Number of Pads	16
Number of Primitives	62



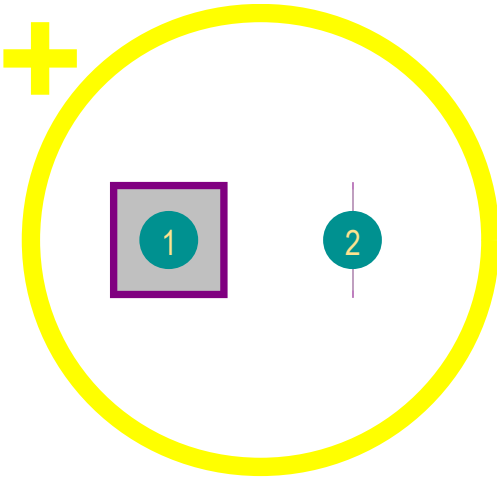
Library Reference	**RB7.6-15**
Description	Polarized Capacitor (Radial); 2 Leads
Height	0mm
Dimension	15.994mm x 15.98mm
Number of Pads	2
Number of Primitives	5



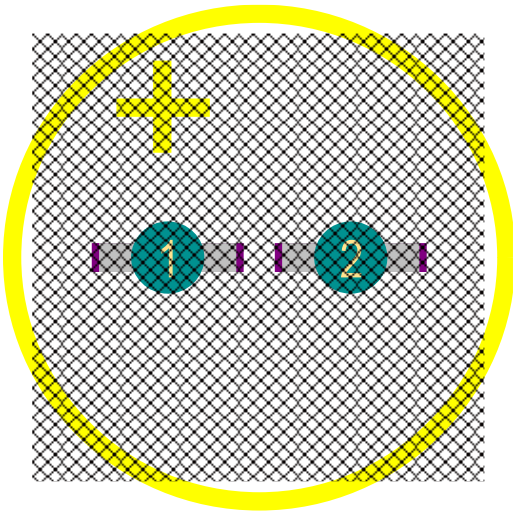
Library Reference	**RB.1/.2**
Description	
Height	0mm
Dimension	5.334mm x 5.334mm
Number of Pads	2
Number of Primitives	5



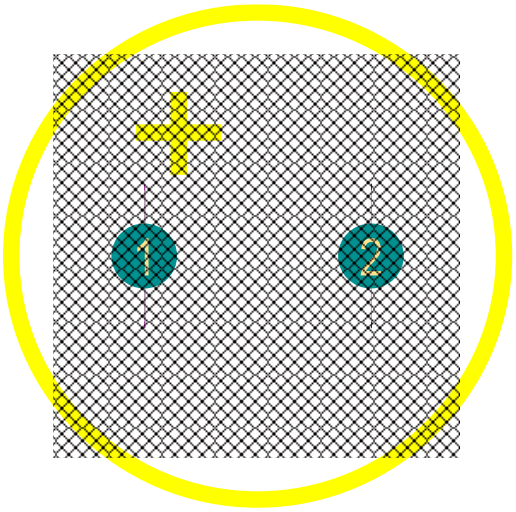
Library Reference	**RB.1/.3**
Description	
Height	0mm
Dimension	8.251mm x 7.874mm
Number of Pads	2
Number of Primitives	4



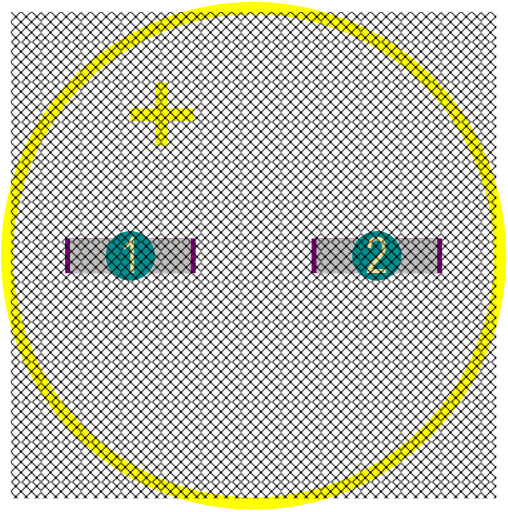
Library Reference	**RB.1/.25**
Description	
Height	0mm
Dimension	7.108mm x 6.612mm
Number of Pads	2
Number of Primitives	4



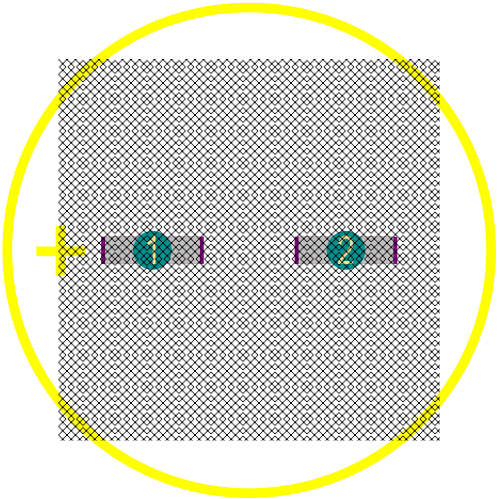
Library Reference	**RB.1/.27**
Description	
Height	12mm
Dimension	7.112mm x 7.112mm
Number of Pads	2
Number of Primitives	5



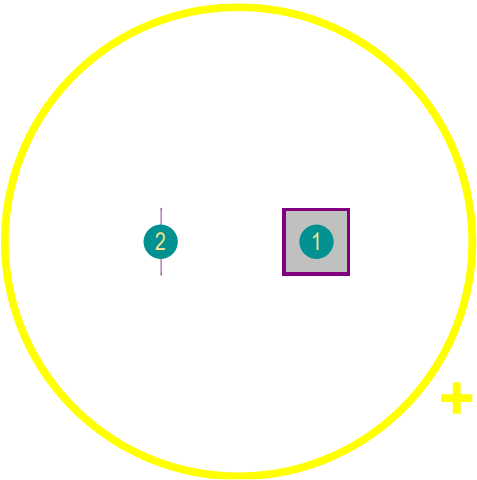
Library Reference	**RB.2/.3**
Description	
Height	1.2mm
Dimension	7.874mm x 7.874mm
Number of Pads	2
Number of Primitives	5



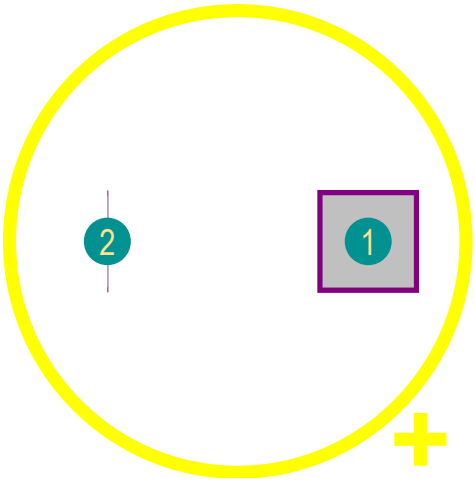
Library Reference	**RB.2/.4**
Description	
Height	1.2mm
Dimension	10.414mm x 10.414mm
Number of Pads	2
Number of Primitives	5



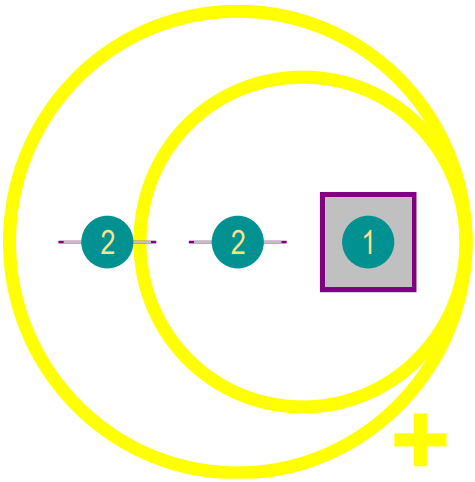
Library Reference	**RB.2/.5**
Description	
Height	1.2mm
Dimension	12.954mm x 12.954mm
Number of Pads	2
Number of Primitives	5



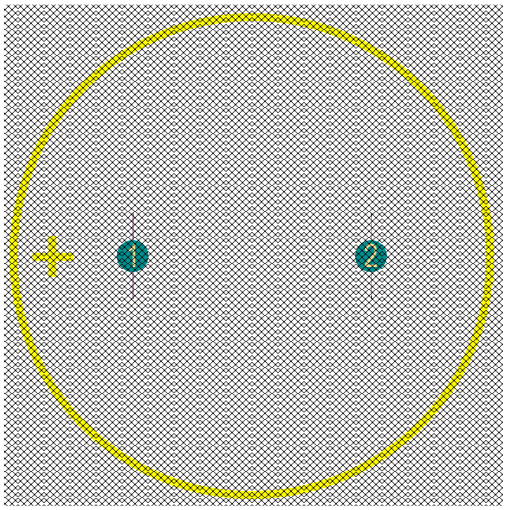
Library Reference	**RB.2/.6**
Description	
Height	0mm
Dimension	15.629mm x 15.494mm
Number of Pads	2
Number of Primitives	4



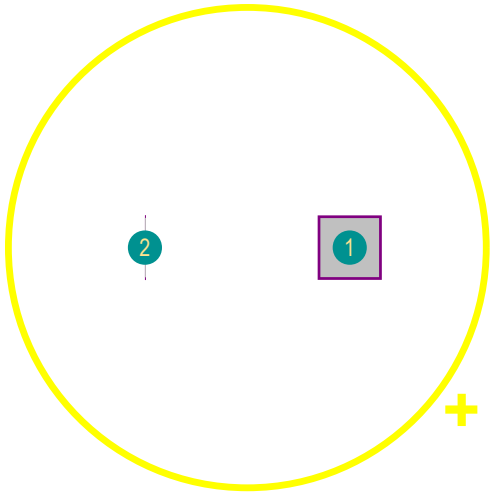
Library Reference	**RB.2/.35**
Description	
Height	0mm
Dimension	9.144mm x 9.144mm
Number of Pads	2
Number of Primitives	4



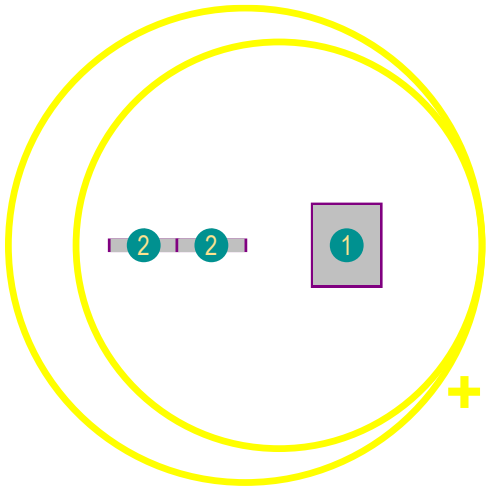
Library Reference	**RB.2/.35M**
Description	
Height	0mm
Dimension	9.144mm x 9.144mm
Number of Pads	3
Number of Primitives	6



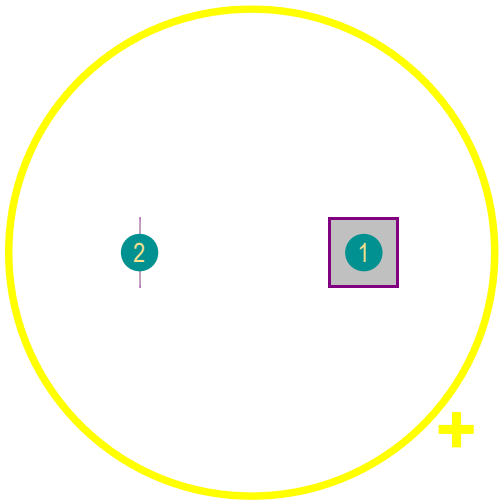
Library Reference	**RB.3/.6**
Description	
Height	0mm
Dimension	15.941mm x 16mm
Number of Pads	2
Number of Primitives	5



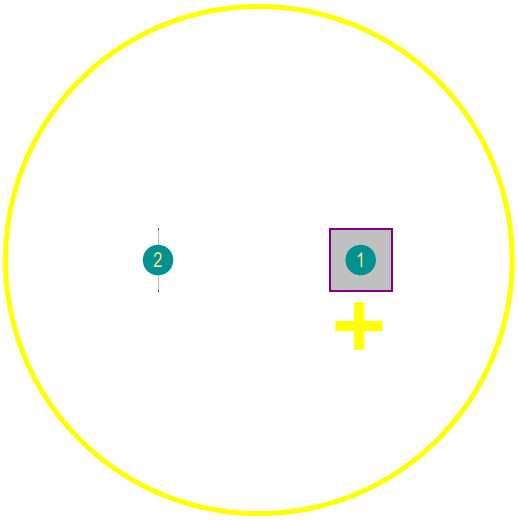
Library Reference	**RB.3/.7**
Description	
Height	0mm
Dimension	18.034mm x 18.034mm
Number of Pads	2
Number of Primitives	4



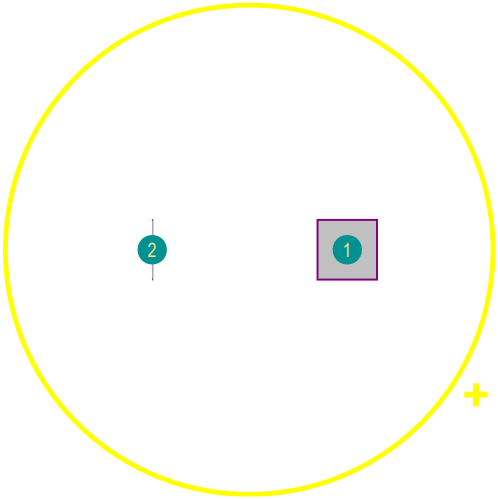
Library Reference	**RB.3/.7M**
Description	
Height	0mm
Dimension	18.137mm x 18.034mm
Number of Pads	3
Number of Primitives	6



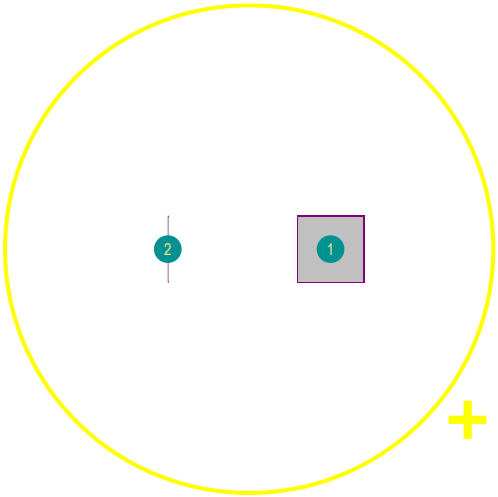
Library Reference	**RB.3/.65**
Description	
Height	0mm
Dimension	16.764mm x 16.764mm
Number of Pads	2
Number of Primitives	4



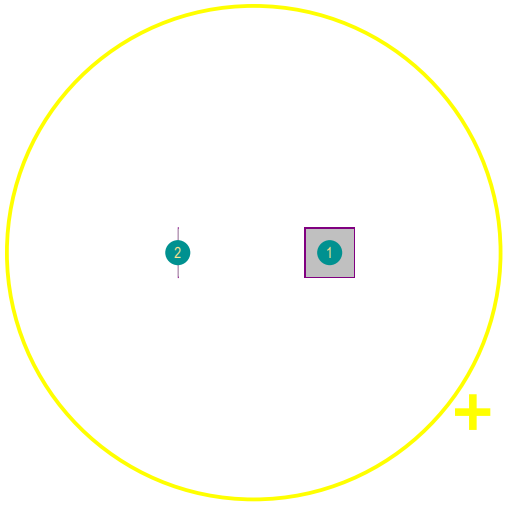
Library Reference	**RB.4/1**
Description	
Height	0mm
Dimension	25.654mm x 25.654mm
Number of Pads	2
Number of Primitives	4



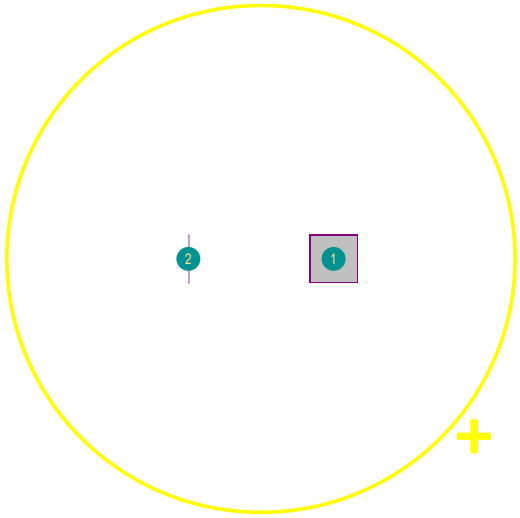
Library Reference	**RB.4/1.0**
Description	
Height	0mm
Dimension	25.654mm x 25.654mm
Number of Pads	2
Number of Primitives	4



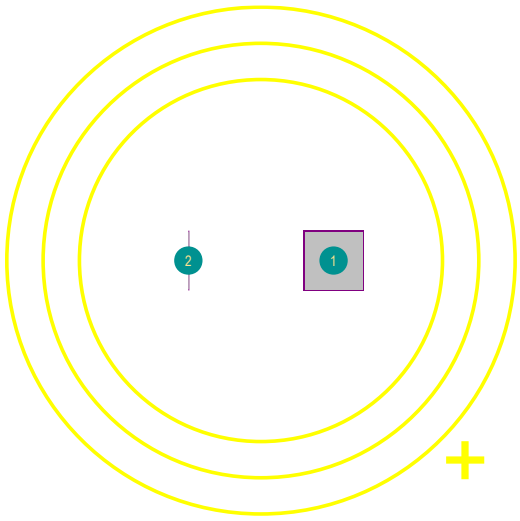
Library Reference	**RB.4/1.2**
Description	
Height	0mm
Dimension	30.734mm x 30.734mm
Number of Pads	2
Number of Primitives	4



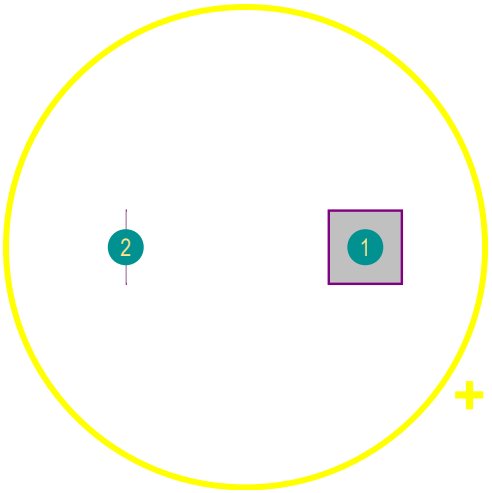
Library Reference	**RB.4/1.3**
Description	
Height	0mm
Dimension	33.274mm x 33.274mm
Number of Pads	2
Number of Primitives	4



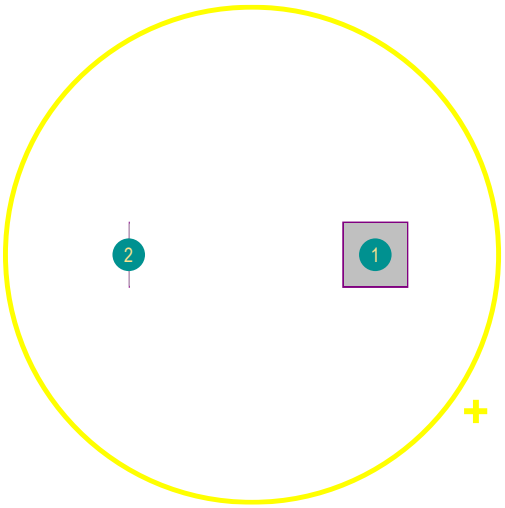
Library Reference	**RB.4/1.4**
Description	
Height	0mm
Dimension	35.814mm x 35.814mm
Number of Pads	2
Number of Primitives	4



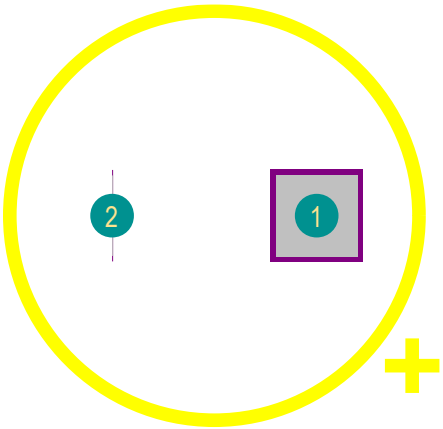
Library Reference	**RB.4/1.4M**
Description	
Height	0mm
Dimension	35.814mm x 35.814mm
Number of Pads	2
Number of Primitives	6



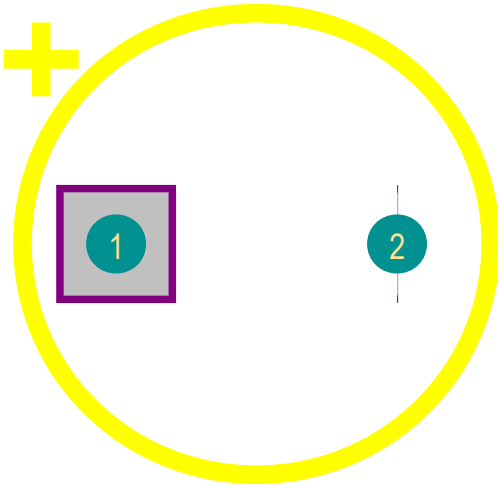
Library Reference	**RB.4/.8**
Description	
Height	0mm
Dimension	20.677mm x 20.574mm
Number of Pads	2
Number of Primitives	4



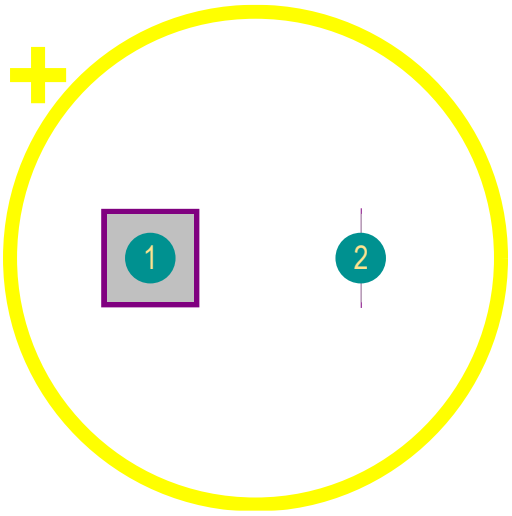
Library Reference	**RB.5/1.0**
Description	
Height	0mm
Dimension	25.654mm x 25.654mm
Number of Pads	2
Number of Primitives	4



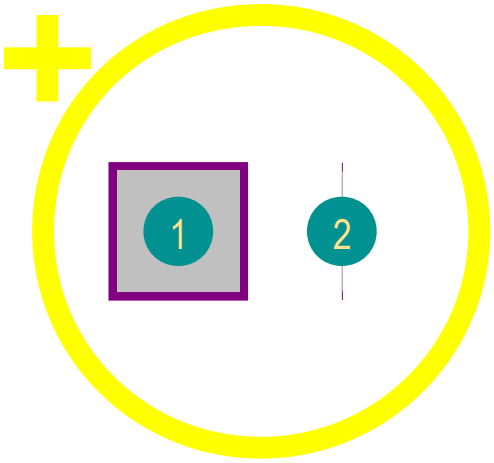
Library Reference	**RB.15/.3**
Description	
Height	0mm
Dimension	8.39mm x 7.874mm
Number of Pads	2
Number of Primitives	4



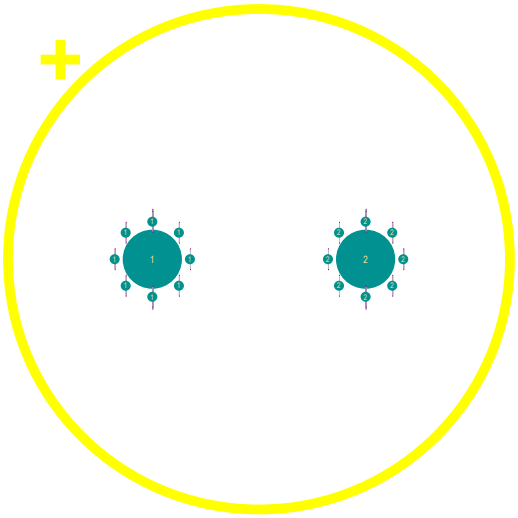
Library Reference	**RB.15/.25**
Description	
Height	0mm
Dimension	6.981mm x 6.612mm
Number of Pads	2
Number of Primitives	4



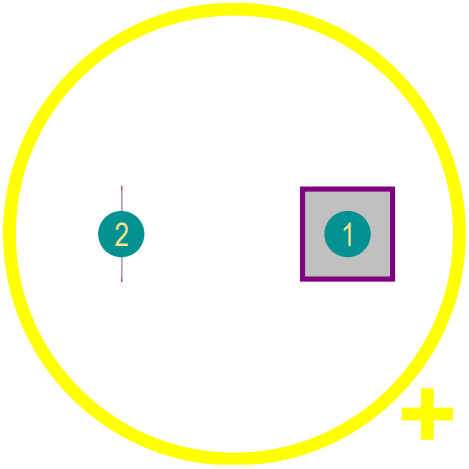
Library Reference	**RB.15/.35**
Description	
Height	0mm
Dimension	9.267mm x 9.144mm
Number of Pads	2
Number of Primitives	4



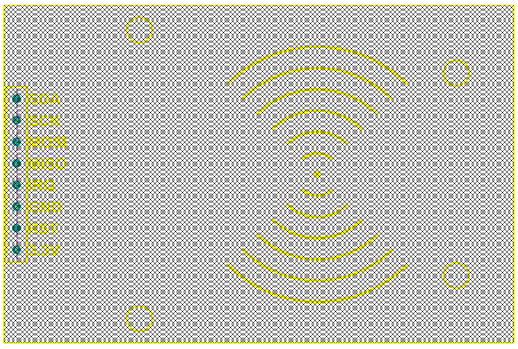
Library Reference	**RB.075/.2**
Description	
Height	0mm
Dimension	5.901mm x 5.469mm
Number of Pads	2
Number of Primitives	4



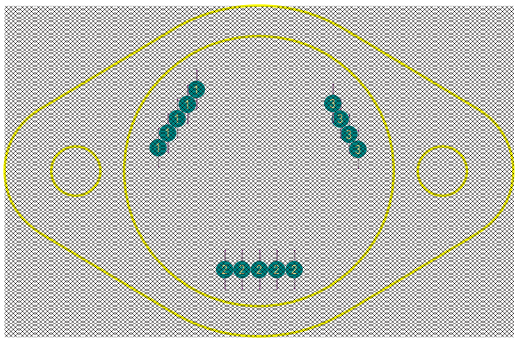
Library Reference	**RB.85/2**
Description	
Height	0mm
Dimension	51.8mm x 51.8mm
Number of Pads	18
Number of Primitives	20



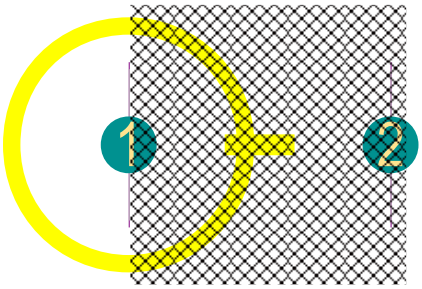
Library Reference	**RB.175/.35**
Description	
Height	0mm
Dimension	9.152mm x 9.144mm
Number of Pads	2
Number of Primitives	4



Library Reference	**RC522**
Description	RC522, 8-Leads, Pitch 2.54mm
Height	5mm
Dimension	60.4mm x 40mm
Number of Pads	8
Number of Primitives	42

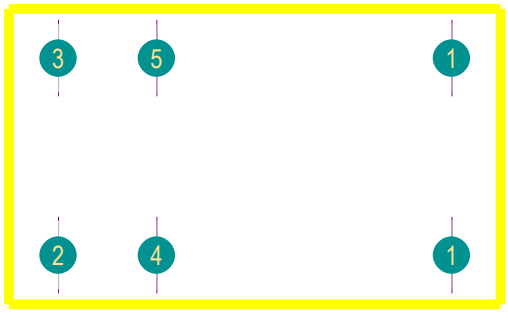


Library Reference	**RD-91**
Description	
Height	0mm
Dimension	41.752mm x 27.2mm
Number of Pads	14
Number of Primitives	26



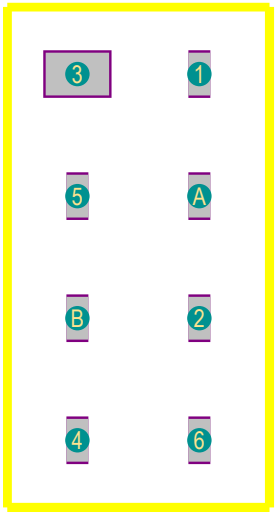
Library Reference	**REED_RELAY**
Description	
Height	11mm
Dimension	6.832mm x 4mm
Number of Pads	2
Number of Primitives	5

Library Reference	**Relay-Matsushita**
Description	Relay Matsushita 24VDC 10A
Height	19.05mm
Dimension	28.854mm x 13.054mm
Number of Pads	4
Number of Primitives	10

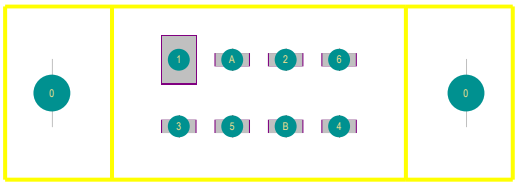


Library Reference	**RELAY-NAIS**
Description	
Height	0mm
Dimension	12.954mm x 7.874mm
Number of Pads	6
Number of Primitives	10

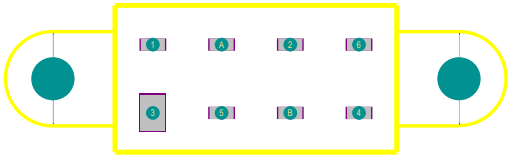
Library Reference	**Relay-OMG**
Description	Relay Matsushita 24VDC 10A
Height	19.05mm
Dimension	29.464mm x 12.954mm
Number of Pads	4
Number of Primitives	10



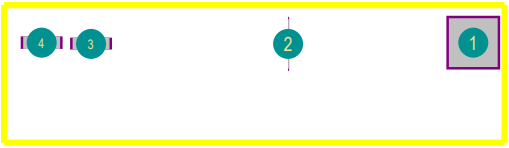
Library Reference	**Relay-P3C47**
Description	
Height	0mm
Dimension	11.303mm x 21.209mm
Number of Pads	8
Number of Primitives	12



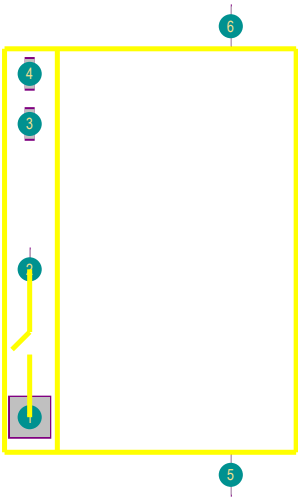
Library Reference	**Relay-Russian**
Description	
Height	40mm
Dimension	48.641mm x 16.891mm
Number of Pads	10
Number of Primitives	20



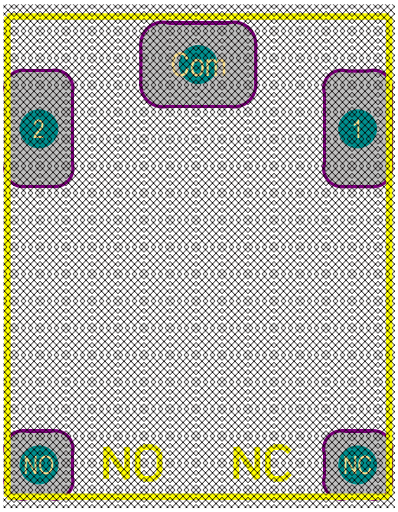
Library Reference	**Relay-Russian - P3C59**
Description	
Height	40mm
Dimension	37.254mm x 11.303mm
Number of Pads	10
Number of Primitives	20



Library Reference	**RELAY-TYCO**
Description	
Height	0mm
Dimension	20.574mm x 5.842mm
Number of Pads	4
Number of Primitives	8

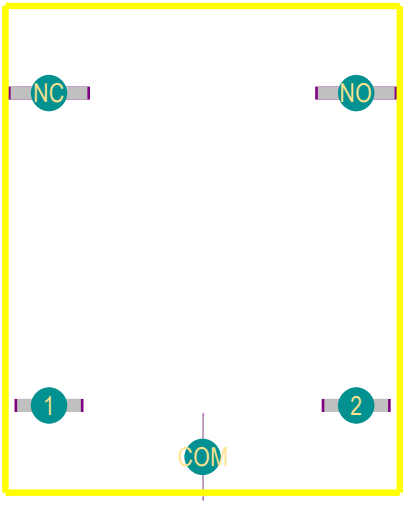


Library Reference	**RELAY-TYCO-ASLEEP**
Description	
Height	0mm
Dimension	14.986mm x 24.936mm
Number of Pads	6
Number of Primitives	14

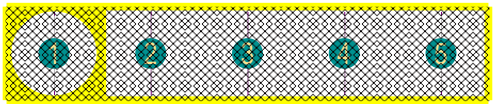


Library Reference	**Relay_5_Small**
Description	
Height	13mm
Dimension	12.3mm x 15.7mm
Number of Pads	5
Number of Primitives	12

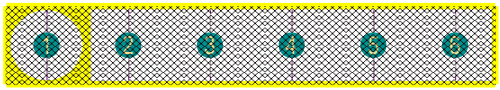
Library Reference	**Relay_5V_10A**
Description	
Height	14mm
Dimension	28.194mm x 14.601mm
Number of Pads	4
Number of Primitives	9



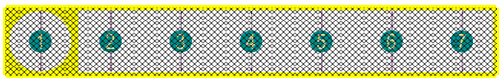
Library Reference	**RELAY_MILON**
Description	
Height	15.5mm
Dimension	15.654mm x 19.429mm
Number of Pads	5
Number of Primitives	9



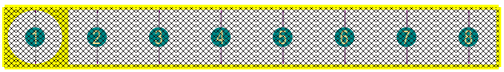
Library Reference	**Resistor Array 5N**
Description	Resistor Networks, P2.54mm
Height	5.2mm
Dimension	12.86mm x 2.7mm
Number of Pads	5
Number of Primitives	16



Library Reference	**Resistor Array 6N**
Description	Resistor Networks, P2.54mm
Height	5.2mm
Dimension	15.4mm x 2.7mm
Number of Pads	6
Number of Primitives	17

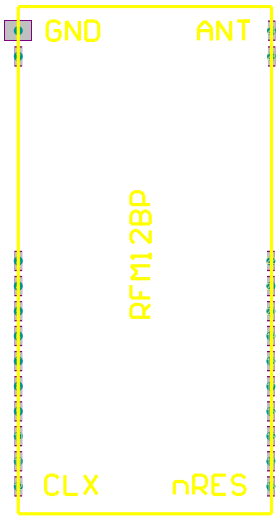


Library Reference	**Resistor Array 7N**
Description	Resistor Networks, P2.54mm
Height	5.2mm
Dimension	17.94mm x 2.7mm
Number of Pads	7
Number of Primitives	18

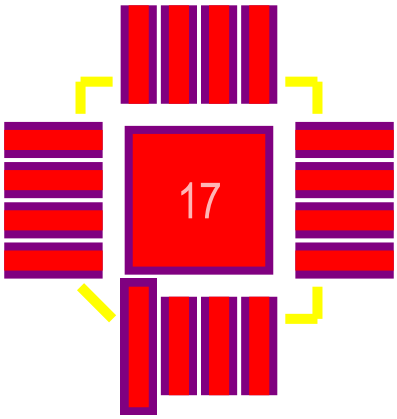


Library Reference	**Resistor Array 8N**
Description	Resistor Networks, P2.54mm
Height	5.2mm
Dimension	20.48mm x 2.7mm
Number of Pads	8
Number of Primitives	19

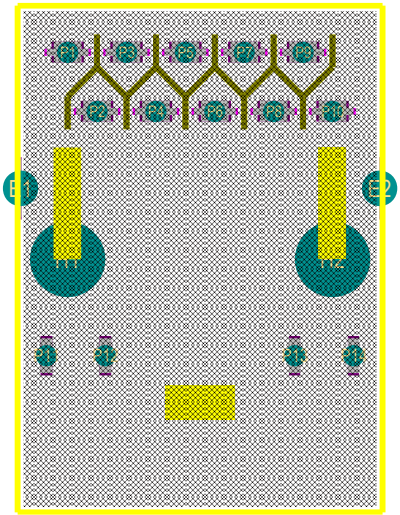
Library Reference	**Resistor Array 9N**
Description	Resistor Networks, P2.54mm
Height	5.2mm
Dimension	23.02mm x 2.7mm
Number of Pads	9
Number of Primitives	20



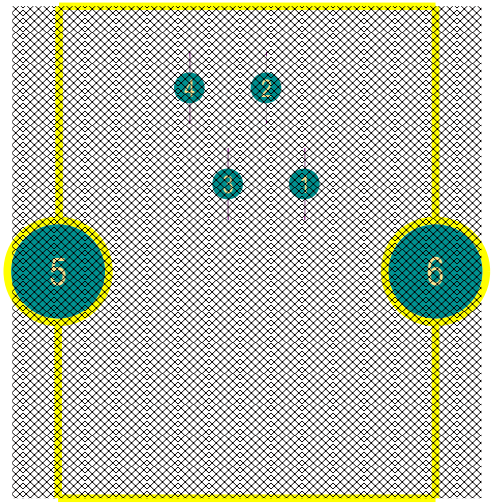
Library Reference	**RFM12BP**
Description	
Height	0mm
Dimension	22.203mm x 40.254mm
Number of Pads	24
Number of Primitives	33



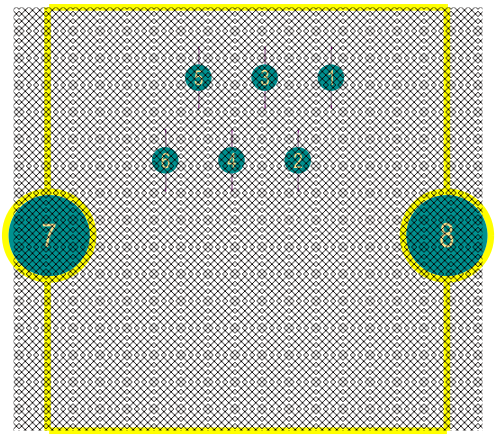
Library Reference	**RFX2401L**
Description	
Height	0mm
Dimension	5.403mm x 5.403mm
Number of Pads	17
Number of Primitives	24



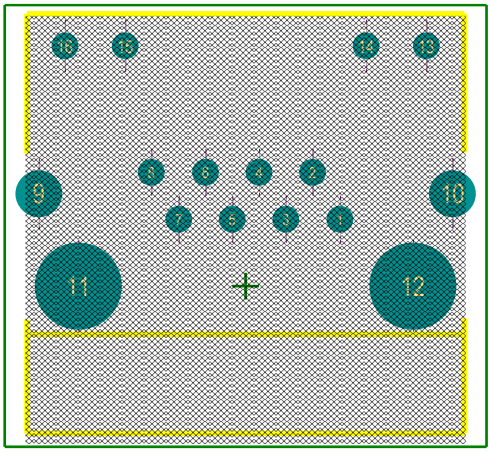
Library Reference	**RJ000002**
Description	RJ-45
Height	13.35mm
Dimension	18.203mm x 22.034mm
Number of Pads	18
Number of Primitives	64



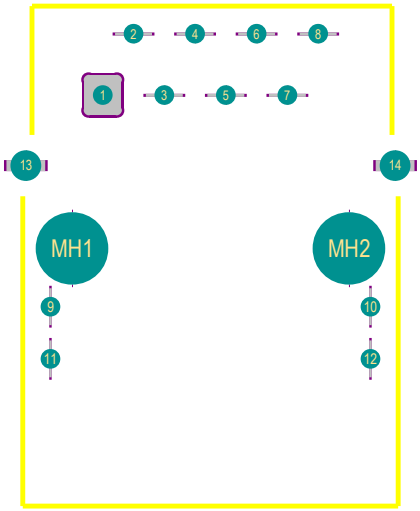
Library Reference	**Rj11-4P4C**
Description	Body 13 x 10mm,Pitch 2.04mm
Height	14.5mm
Dimension	12.9mm x 13.2mm
Number of Pads	6
Number of Primitives	15



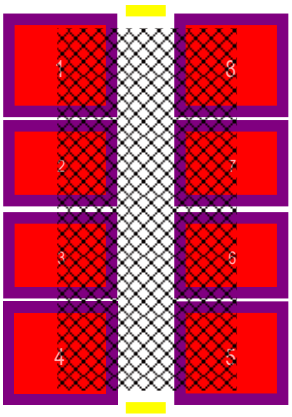
Library Reference	**Rj11-6P6C**
Description	Body 13 x 12.2mm,Pitch 2.04mm
Height	14.5mm
Dimension	15.1mm x 13.2mm
Number of Pads	8
Number of Primitives	18



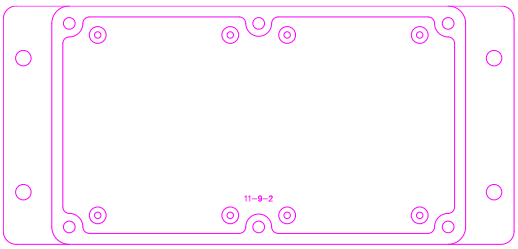
Library Reference	**RJ45_MINI**
Description	RJ45 MiniWith LED
Height	13.1mm
Dimension	18.403mm x 16.864mm
Number of Pads	16
Number of Primitives	30



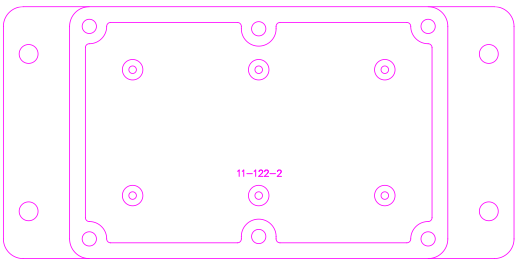
Library Reference	**RJ717-C**
Description	
Height	0mm
Dimension	17.043mm x 20.908mm
Number of Pads	16
Number of Primitives	22



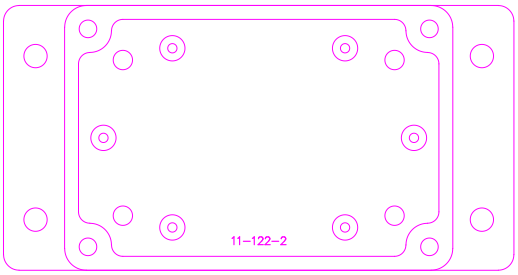
Library Reference	**RN8-A**
Description	Resistor Array
Height	0mm
Dimension	2.504mm x 3.602mm
Number of Pads	8
Number of Primitives	11



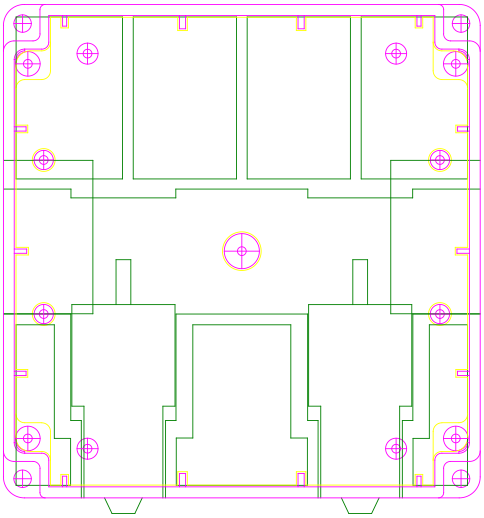
Library Reference	**SANHE_11-9-2**
Description	Water Proof Enclosure
Height	60mm
Dimension	197.754mm x 92.754mm
Number of Pads	0
Number of Primitives	69



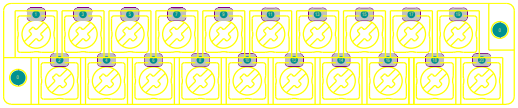
Library Reference	**SANHE_11-18-1**
Description	Water Proof Enclosure
Height	64.5mm
Dimension	162.254mm x 80.254mm
Number of Pads	0
Number of Primitives	65



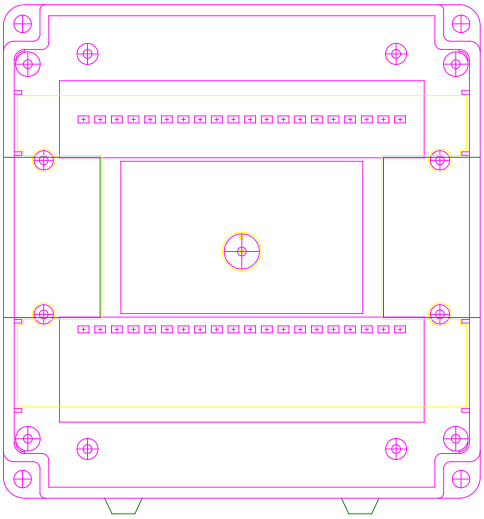
Library Reference	**SANHE_11-122-2**
Description	Water Proof Enclosure
Height	48.5mm
Dimension	131.754mm x 68.254mm
Number of Pads	0
Number of Primitives	57



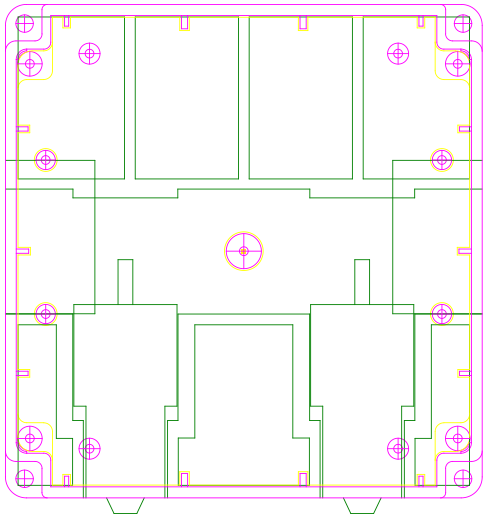
Library Reference	**SANHE_22-52_Bottom_board**
Description	
Height	85mm
Dimension	136.194mm x 145.654mm
Number of Pads	0
Number of Primitives	359



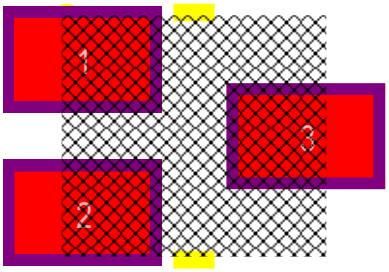
Library Reference	**SANHE_22-52_CON**
Description	
Height	0mm
Dimension	102.554mm x 20.754mm
Number of Pads	22
Number of Primitives	950



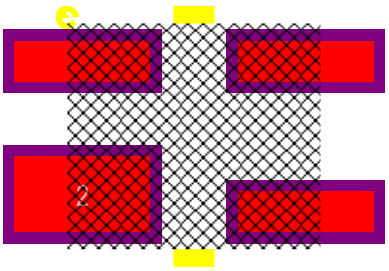
Library Reference	**SANHE_22-52_DOOR**
Description	
Height	85mm
Dimension	136.194mm x 145.654mm
Number of Pads	2
Number of Primitives	439



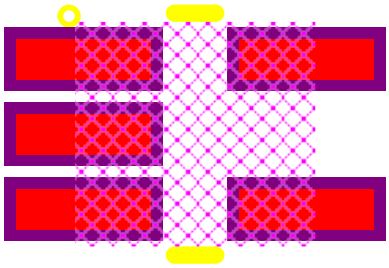
Library Reference	**SANHE_22-52_Top_Board**
Description	
Height	85mm
Dimension	136.194mm x 145.654mm
Number of Pads	1
Number of Primitives	360



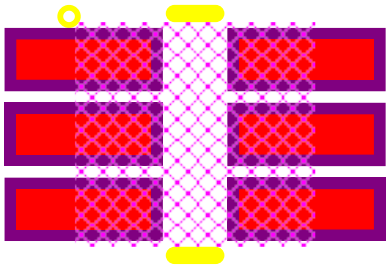
Library Reference	**SC70-3**
Description	SC70/SOT-323 (DCK) Package. 3-Lead Plastic SC70.
Height	1mm
Dimension	3.327mm x 2.311mm
Number of Pads	3
Number of Primitives	7



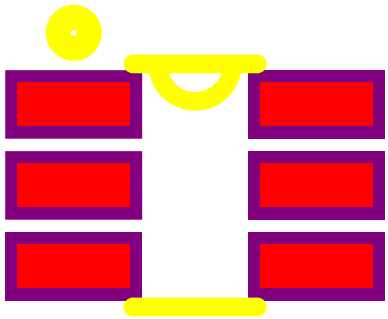
Library Reference	**SC70-4**
Description	SC70/SOT-323 (DCK) Package. 4-Lead Plastic SC70.
Height	1mm
Dimension	3.327mm x 2.311mm
Number of Pads	4
Number of Primitives	8



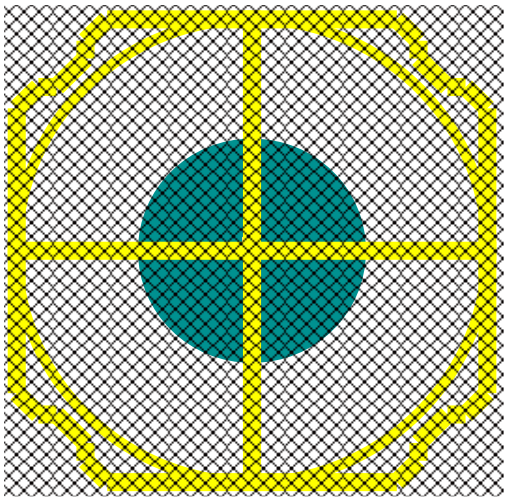
Library Reference	**SC70-5**
Description	SC70/SOT-323 (DCK) Package. 5-Lead Plastic SC70.
Height	1mm
Dimension	3.327mm x 2.311mm
Number of Pads	5
Number of Primitives	9



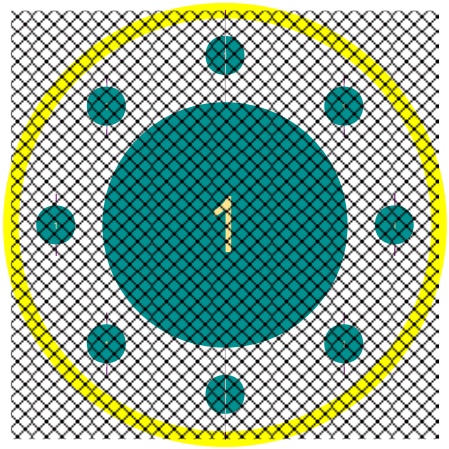
Library Reference	**SC70-6**
Description	SC70/SOT-323 (DCK) Package. 6-Lead Plastic SC70.
Height	1mm
Dimension	3.327mm x 2.311mm
Number of Pads	6
Number of Primitives	10



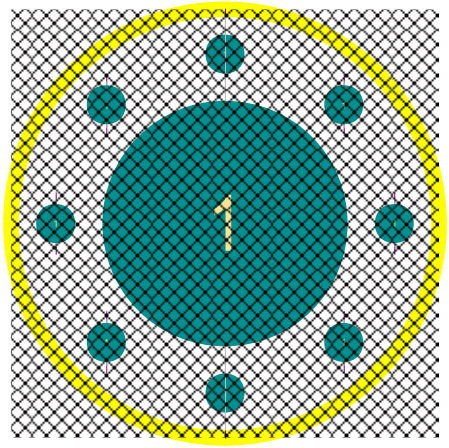
Library Reference	**SC-70**
Description	
Height	0mm
Dimension	3.103mm x 2.564mm
Number of Pads	6
Number of Primitives	10



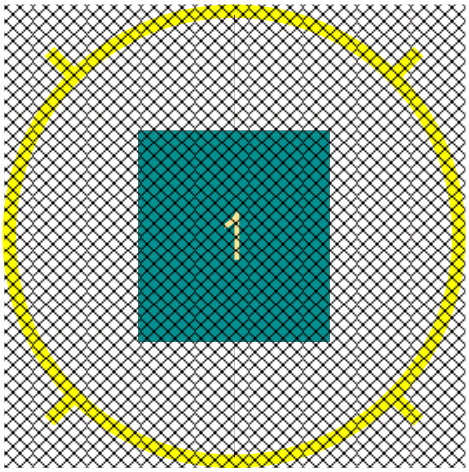
Library Reference	**SCREW**
Description	
Height	1.35mm
Dimension	7.112mm x 7.112mm
Number of Pads	1
Number of Primitives	35



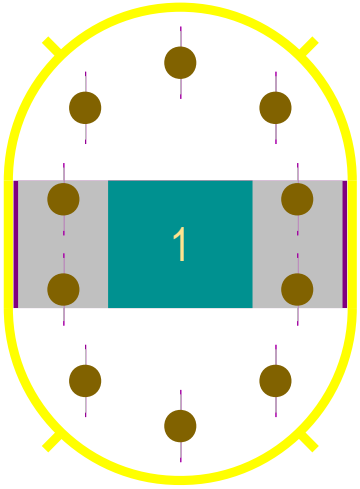
Library Reference	**Screw 3FH**
Description	Flat Head Screw
Height	2mm
Dimension	5.8mm x 5.8mm
Number of Pads	9
Number of Primitives	11



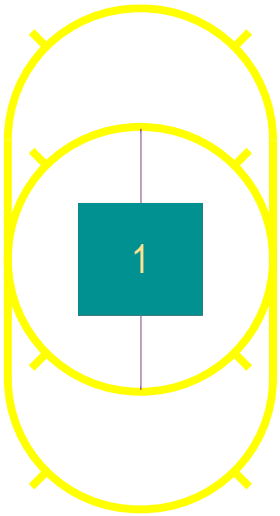
Library Reference	**Screw 3PH**
Description	Pan Head Screw
Height	2mm
Dimension	5.8mm x 5.8mm
Number of Pads	9
Number of Primitives	11



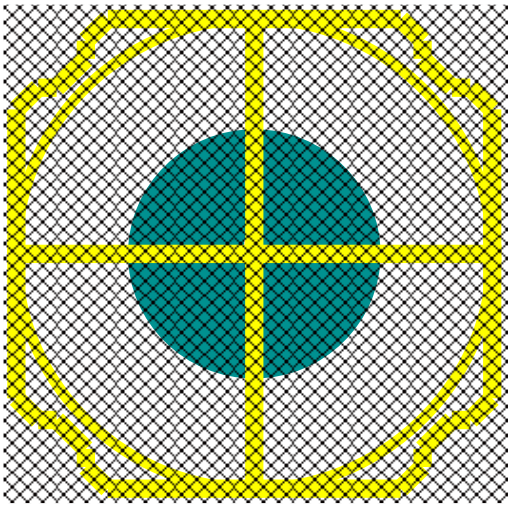
Library Reference	**SCREW-M3**
Description	
Height	1.2mm
Dimension	7.016mm x 7.004mm
Number of Pads	1
Number of Primitives	7



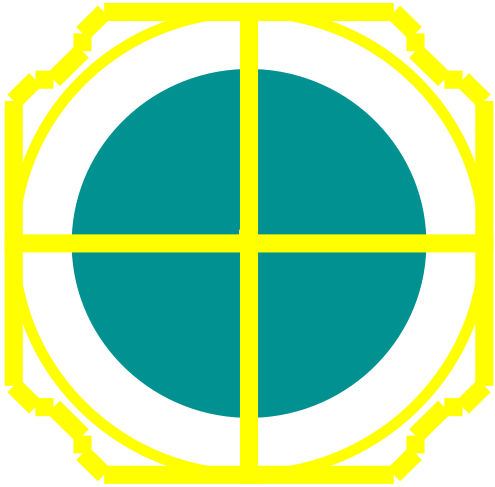
Library Reference	**SCREW-M3_COMPLEX**
Description	
Height	1.2mm
Dimension	7.803mm x 10.603mm
Number of Pads	1
Number of Primitives	19



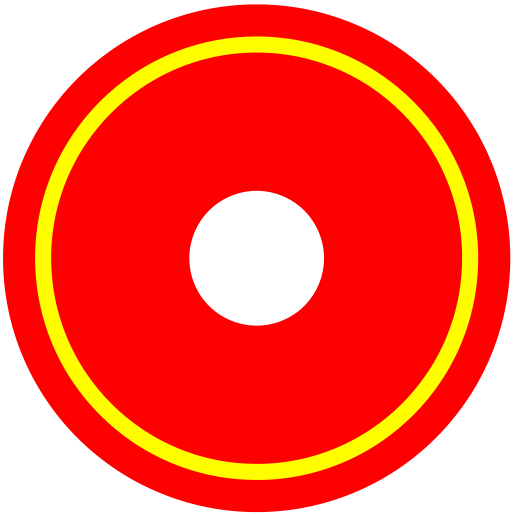
Library Reference	**SCREW-M3_SLOT**
Description	
Height	1.2mm
Dimension	7.003mm x 13.103mm
Number of Pads	1
Number of Primitives	16



Library Reference	**SCREW-SOM**
Description	
Height	1.35mm
Dimension	7.112mm x 7.112mm
Number of Pads	1
Number of Primitives	35

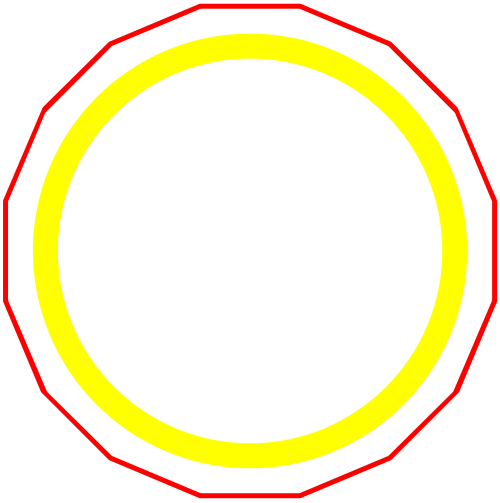


Library Reference	**SCREW_5MM**
Description	
Height	1.35mm
Dimension	7.112mm x 7.112mm
Number of Pads	1
Number of Primitives	34

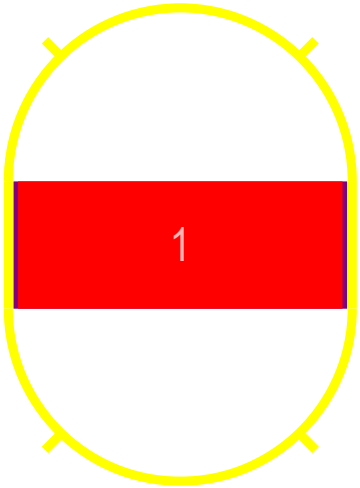


Library Reference	**SCREW MASK**
Description	
Height	0mm
Dimension	8.041mm x 8.041mm
Number of Pads	0
Number of Primitives	2

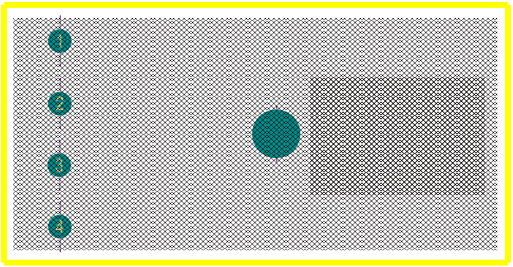
Library Reference	**SCREW MASK-1.5mm**
Description	
Height	0mm
Dimension	3mm x 3mm
Number of Pads	1
Number of Primitives	2



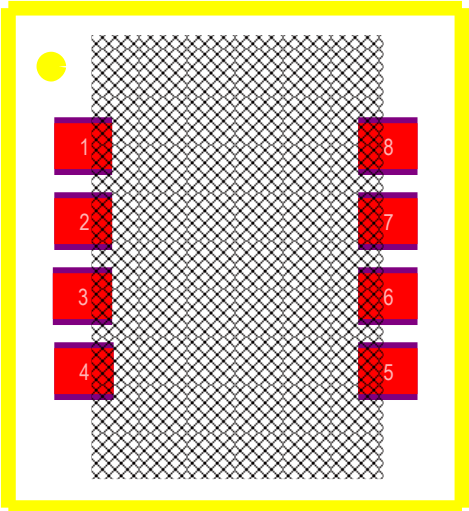
Library Reference	**SCREW MASK-2mm**
Description	
Height	0mm
Dimension	5.111mm x 5.111mm
Number of Pads	0
Number of Primitives	2



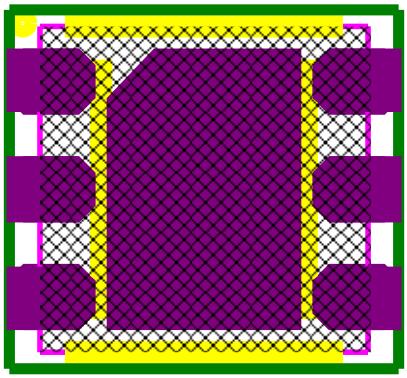
Library Reference	**SCREW MASK-SLOT-3MM**
Description	
Height	0mm
Dimension	7.803mm x 10.603mm
Number of Pads	1
Number of Primitives	9



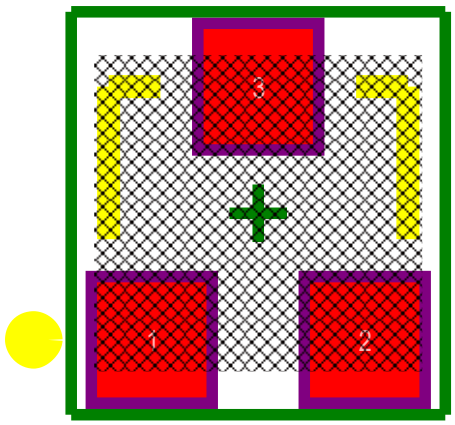
Library Reference	**SHT1X_DIP**
Description	
Height	0mm
Dimension	22.014mm x 11.324mm
Number of Pads	5
Number of Primitives	11



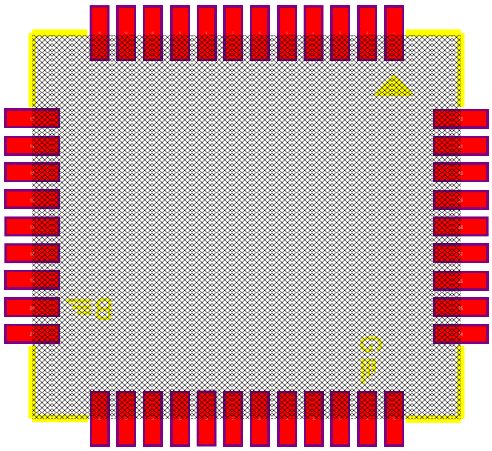
Library Reference	**SHT1X_SMD**
Description	
Height	0mm
Dimension	8.025mm x 8.702mm
Number of Pads	8
Number of Primitives	14



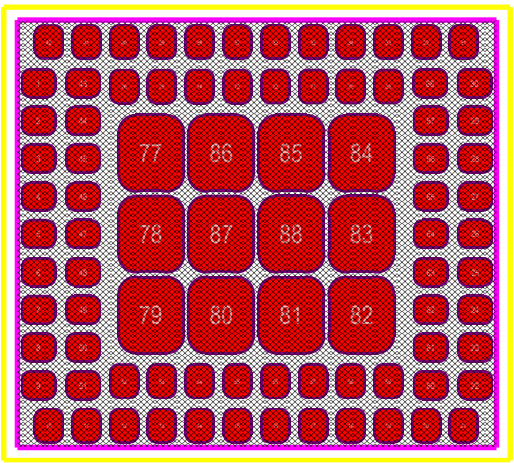
Library Reference	**SHT2x**
Description	SHT2x, The outer dotted line represents the outer dime nsion of the DFN package
Height	1.1mm
Dimension	3.656mm x 3.402mm
Number of Pads	7
Number of Primitives	58



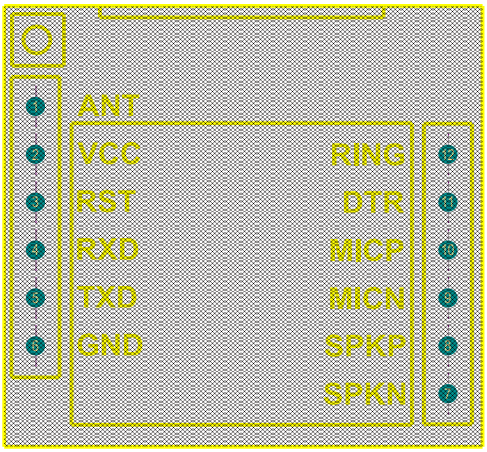
Library Reference	**SI2302-MOSFET**
Description	SI2302-MOSFET
Height	0.9mm
Dimension	3.926mm x 3.656mm
Number of Pads	3
Number of Primitives	15



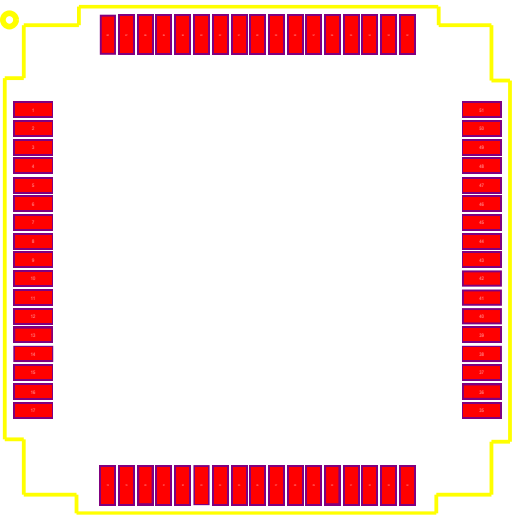
Library Reference	**SIM800C**
Description	
Height	0mm
Dimension	19.905mm x 18.043mm
Number of Pads	42
Number of Primitives	74



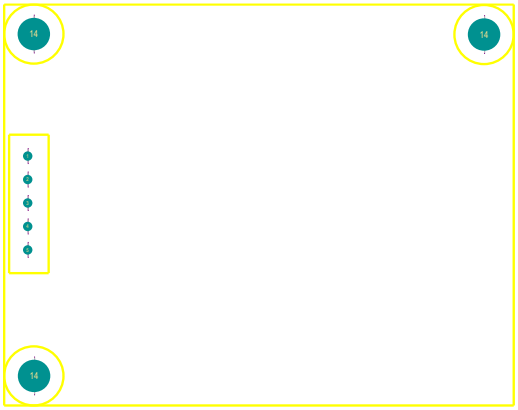
Library Reference	**SIM800H**
Description	
Height	0mm
Dimension	19mm x 17mm
Number of Pads	88
Number of Primitives	97



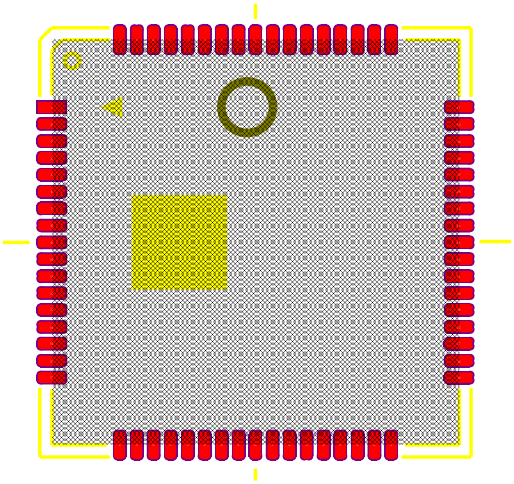
Library Reference	**Sim800L_Module**
Description	GSM/GPRS Module 25x23/6mm
Height	6mm
Dimension	27.075mm x 23.6mm
Number of Pads	12
Number of Primitives	55



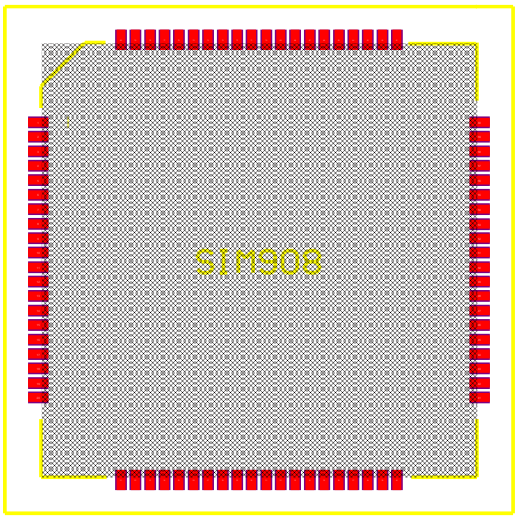
Library Reference	**Sim808**
Description	Bastam Beyrami
Height	0mm
Dimension	27.367mm x 27.2mm
Number of Pads	68
Number of Primitives	89



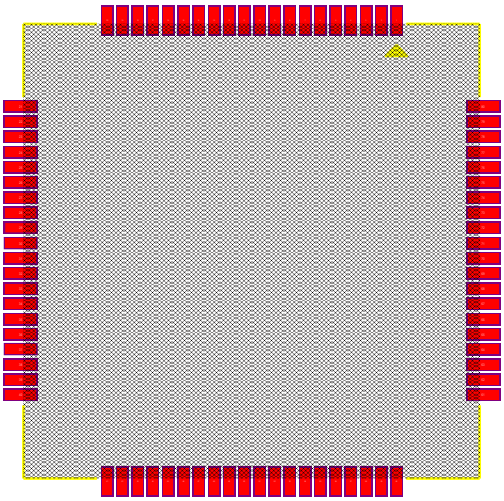
Library Reference	**Sim808-Sheild**
Description	sim808 module shield
Height	10mm
Dimension	55.254mm x 43.662mm
Number of Pads	8
Number of Primitives	19



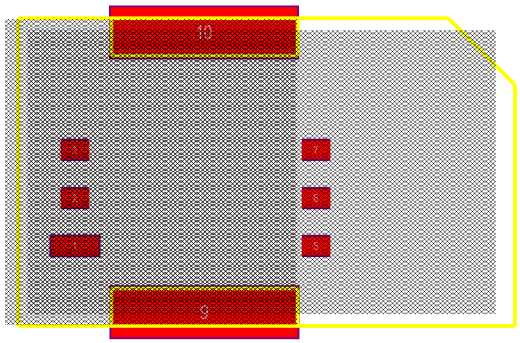
Library Reference	**SIM900**
Description	SIM900/SIM900A PCB Footprint
Height	2mm
Dimension	30.15mm x 28.424mm
Number of Pads	68
Number of Primitives	95



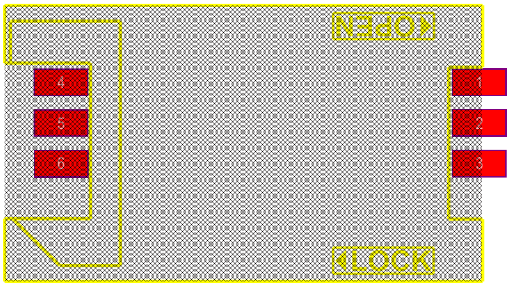
Library Reference	**SIM908**
Description	
Height	0mm
Dimension	35.254mm x 35.254mm
Number of Pads	81
Number of Primitives	99



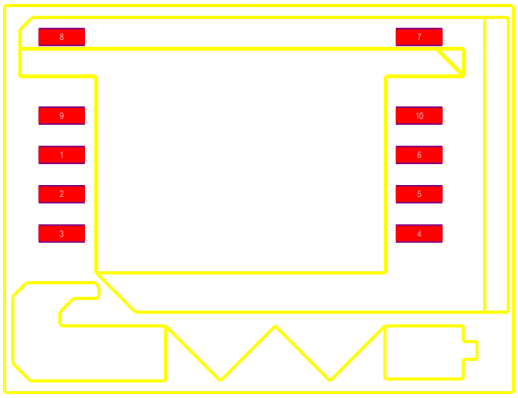
Library Reference	**SIM908 2**
Description	
Height	0mm
Dimension	32.635mm x 32.385mm
Number of Pads	80
Number of Primitives	101



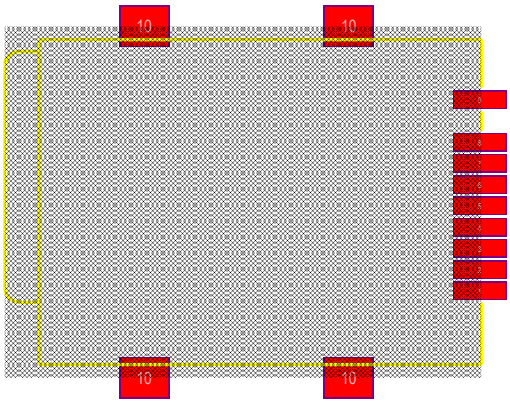
Library Reference	**SIMCARD**
Description	
Height	0mm
Dimension	27.516mm x 17.915mm
Number of Pads	8
Number of Primitives	21



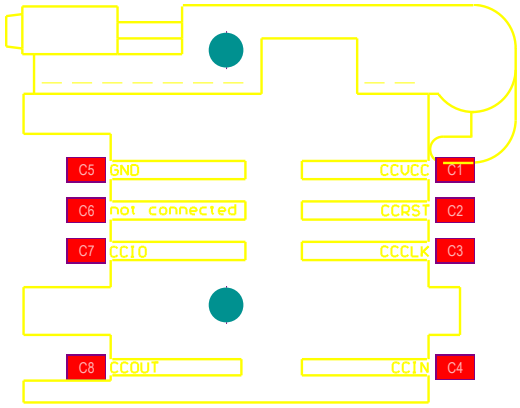
Library Reference	**SIMCARD_HOLDER_6P**
Description	SimCard Connector, 6Pin ,Body 29.7 x 17.2 mm
Height	2.5mm
Dimension	31.302mm x 17.4mm
Number of Pads	6
Number of Primitives	37



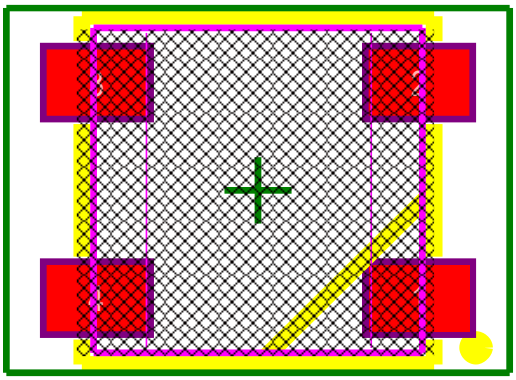
Library Reference	**SIMCARD_HOLDER_8L**
Description	Simcard holder
Height	0mm
Dimension	33.2mm x 25.219mm
Number of Pads	10
Number of Primitives	61



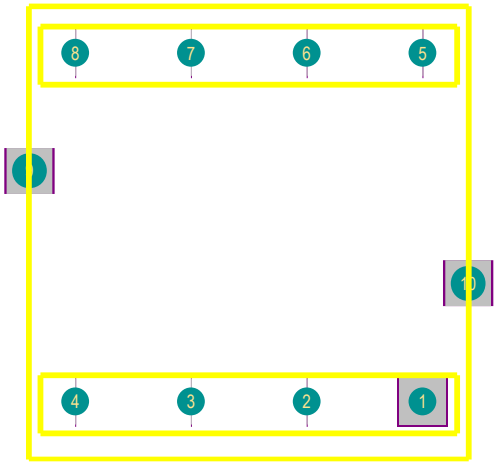
Library Reference	**SIMCARD_HOLDER_9P**
Description	SimCard Connector, 9Pin ,Body 26.4 x 19.4 mm
Height	1.7mm
Dimension	30.052mm x 23.503mm
Number of Pads	13
Number of Primitives	25



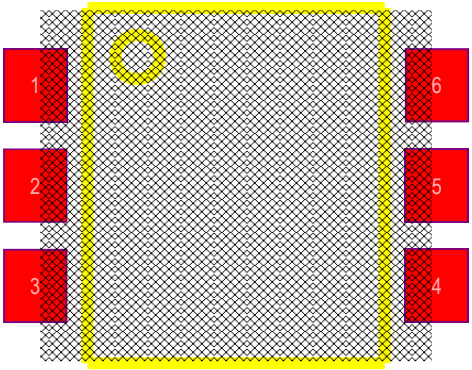
Library Reference	**SIMCARD Holder**
Description	
Height	1.016mm
Dimension	32.225mm x 25.099mm
Number of Pads	10
Number of Primitives	111



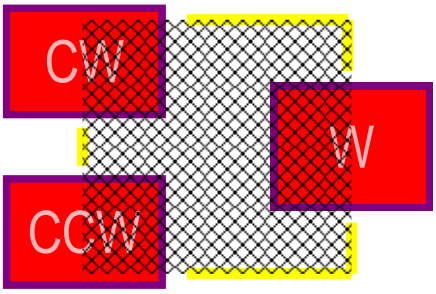
Library Reference	**SK6812_5050**
Description	SMT LED
Height	1.3mm
Dimension	7.72mm x 5.688mm
Number of Pads	4
Number of Primitives	27



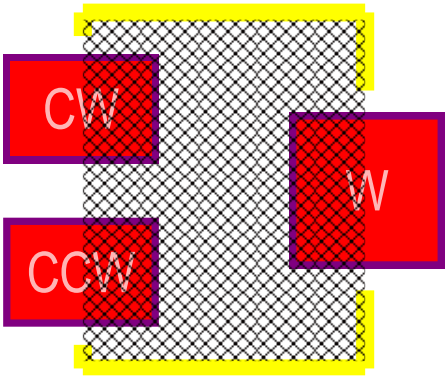
Library Reference	**SKYGUARD-TRANS**
Description	
Height	0mm
Dimension	21.443mm x 20.066mm
Number of Pads	10
Number of Primitives	22



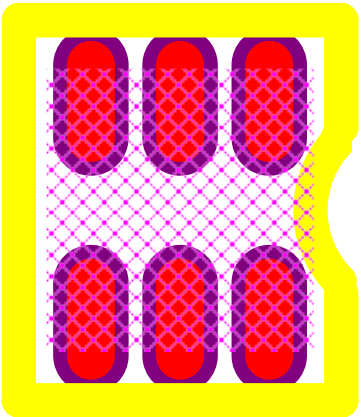
Library Reference	**SMD-DIP-6(4N26)**
Description	
Height	0mm
Dimension	11.78mm x 9.3mm
Number of Pads	6
Number of Primitives	12



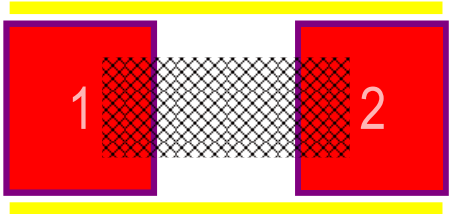
Library Reference	**SMD_POT4MM_SMALL**
Description	Square Trimming Potentiometer
Height	0mm
Dimension	5.771mm x 3.803mm
Number of Pads	3
Number of Primitives	9



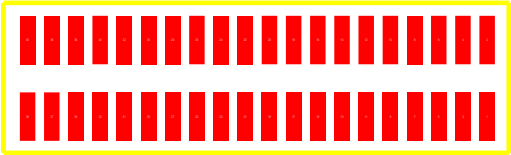
Library Reference	**SMD_POT4MM_Triming**
Description	Square Trimming Potentiometer
Height	0mm
Dimension	6.203mm x 5.254mm
Number of Pads	3
Number of Primitives	10



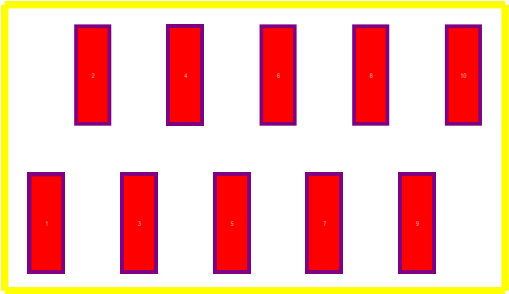
Library Reference	**smf05C(SC70-6L)**
Description	TVS Diode Array
Height	1.1mm
Dimension	2.654mm x 3.054mm
Number of Pads	6
Number of Primitives	13



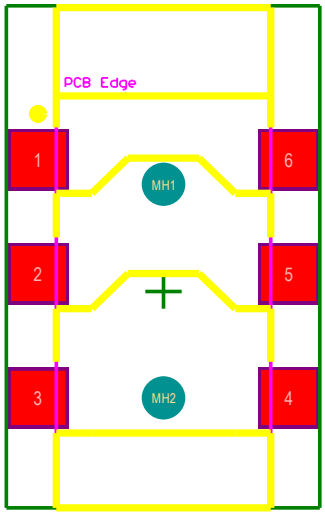
Library Reference	**SMM0207**
Description	
Height	1.5mm
Dimension	7.203mm x 3.4mm
Number of Pads	2
Number of Primitives	5



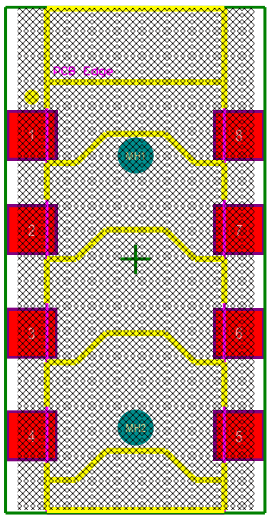
Library Reference	**SMT_1.25_2*40**
Description	
Height	5.9mm
Dimension	26.797mm x 8.128mm
Number of Pads	40
Number of Primitives	44



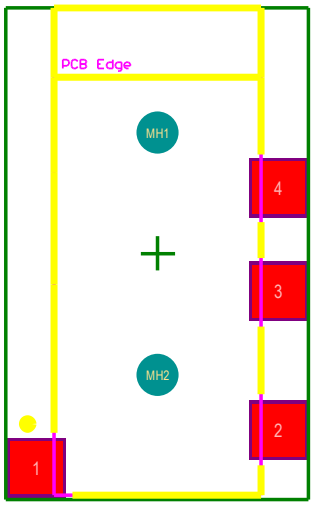
Library Reference	**SMT_1.25_10**
Description	
Height	5.9mm
Dimension	13.916mm x 7.947mm
Number of Pads	10
Number of Primitives	14



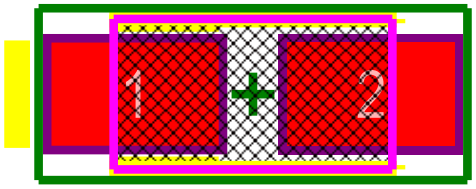
Library Reference	**SMT_AUDIO_JACK_PJ_313D**
Description	PJ-313D 3.5mm SMT Audio Jack
Height	5.2mm
Dimension	8.863mm x 14.3mm
Number of Pads	8
Number of Primitives	49



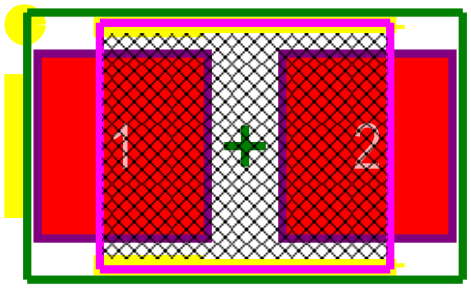
Library Reference	**SMT_AUDIO_JACK_PJ_313E**
Description	PJ-313E 3.5mm SMT Audio Jack
Height	5.2mm
Dimension	8.863mm x 17.255mm
Number of Pads	10
Number of Primitives	61



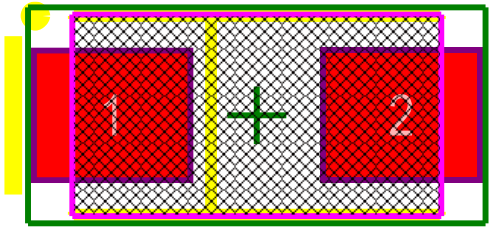
Library Reference	**SMT_AUDIO_JACK_TRRS**
Description	TRRS 3.5mm SMT Audio Jack
Height	5.5mm
Dimension	8.863mm x 14.367mm
Number of Pads	6
Number of Primitives	33



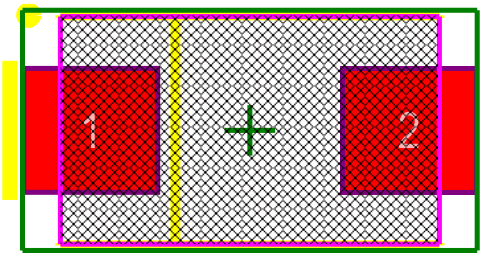
Library Reference	**SMT_C_Tantalum_A**
Description	Capacitor, SM Tantalum; Body 3.2 x 1.6 mm (LxW typ)
Height	1.8mm
Dimension	5.536mm x 2.132mm
Number of Pads	2
Number of Primitives	20



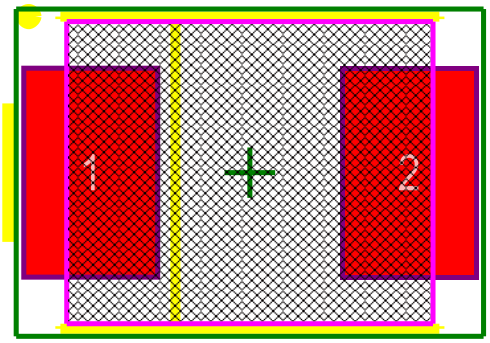
Library Reference	**SMT_C_Tantalum_B**
Description	Capacitor, SM Tantalum; Body 3.5 x 2.8 mm (LxW typ)
Height	2.1mm
Dimension	5.667mm x 3.451mm
Number of Pads	2
Number of Primitives	21



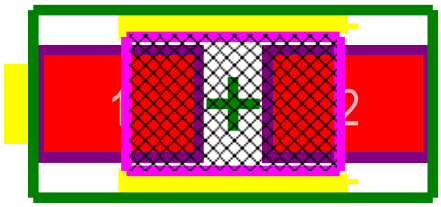
Library Reference	**SMT_C_Tantalum_C**
Description	Capacitor, SM Tantalum; Body 6.0 x 3.2 mm (LxW typ)
Height	2.8mm
Dimension	8.33mm x 3.955mm
Number of Pads	2
Number of Primitives	22



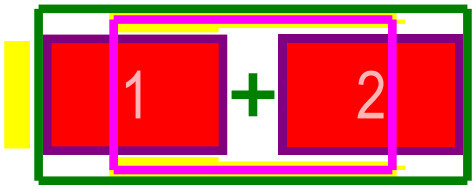
Library Reference	**SMT_C_Tantalum_D**
Description	Capacitor, SM Tantalum; Body 7.3 x 4.3 mm (LxW typ)
Height	3.1mm
Dimension	9.6mm x 5.013mm
Number of Pads	2
Number of Primitives	22



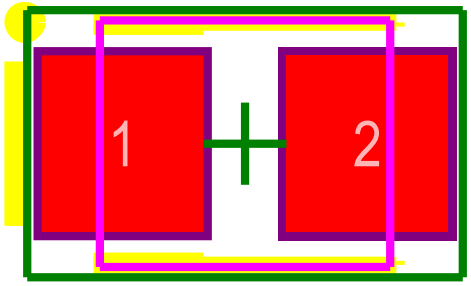
Library Reference	**SMT_C_Tantalum_E**
Description	Capacitor, SM Tantalum; Body 7.3 x 6.0 mm (LxW typ)
Height	3.8mm
Dimension	9.727mm x 6.752mm
Number of Pads	2
Number of Primitives	22



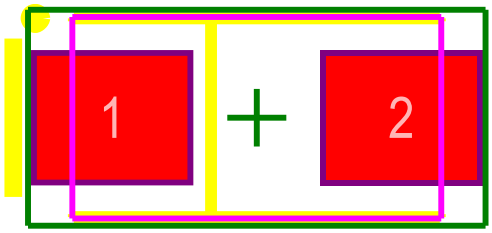
Library Reference	**SMT_C_Tantalum_R**
Description	Capacitor, SM Tantalum; Body 2.0 x 1.3 mm (LxW typ)
Height	1.2mm
Dimension	4.139mm x 1.878mm
Number of Pads	2
Number of Primitives	20



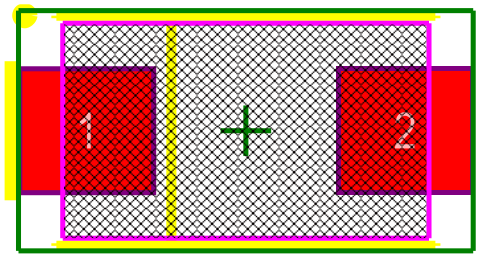
Library Reference	**SMT_C_Tantalum_S**
Description	Capacitor, SM Tantalum; Body 3.2 x 1.6 mm (LxW typ)
Height	1.2mm
Dimension	5.536mm x 2.132mm
Number of Pads	2
Number of Primitives	19



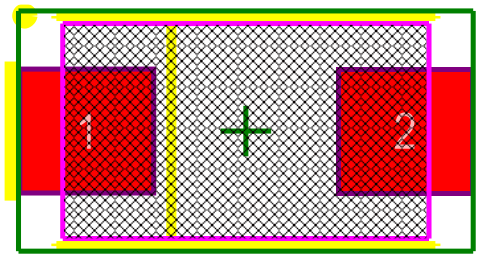
Library Reference	**SMT_C_Tantalum_T**
Description	Capacitor, SM Tantalum; Body 3.5 x 2.8 mm (LxW typ)
Height	1.2mm
Dimension	5.667mm x 3.451mm
Number of Pads	2
Number of Primitives	20



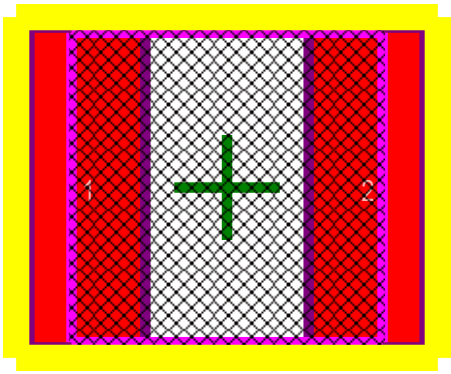
Library Reference	**SMT_C_Tantalum_U**
Description	Capacitor, SM Tantalum; Body 6.0 x 3.2 mm (LxW typ)
Height	1.5mm
Dimension	8.33mm x 3.955mm
Number of Pads	2
Number of Primitives	21



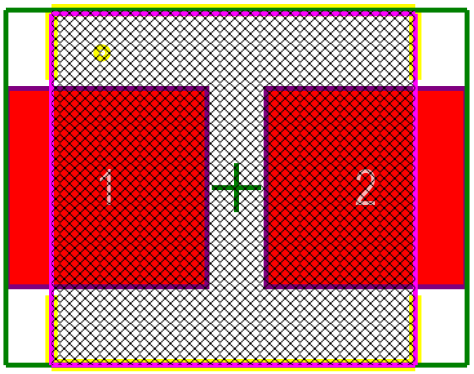
Library Reference	**SMT_C_Tantalum_V**
Description	Capacitor, SM Tantalum; Body 7.3 x 4.3 mm (LxW typ)
Height	2mm
Dimension	9.473mm x 5.013mm
Number of Pads	2
Number of Primitives	22



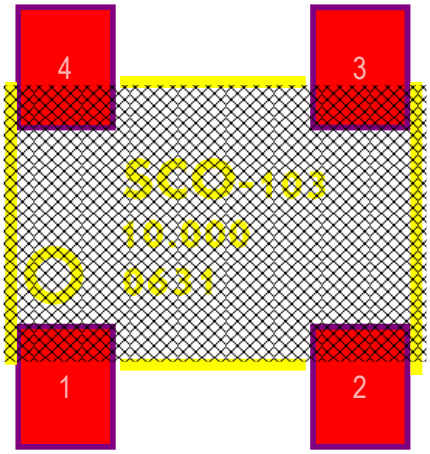
Library Reference	**SMT_C_Tantalum_X**
Description	Capacitor, SM Tantalum; Body 7.3 x 4.3 mm (LxW typ)
Height	4.3mm
Dimension	9.473mm x 5.013mm
Number of Pads	2
Number of Primitives	22



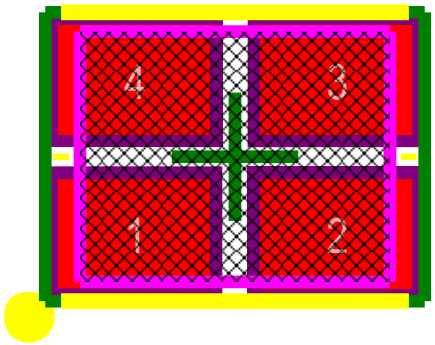
Library Reference	**SMT_L_3.0mm**
Description	SMT Power Inductor, 3.0x3.0x1mm
Height	1mm
Dimension	4.318mm x 3.556mm
Number of Pads	2
Number of Primitives	17



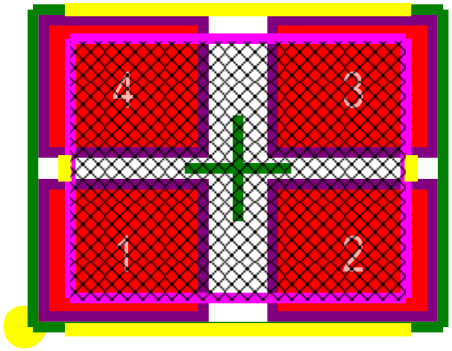
Library Reference	**SMT_L_7.32mm**
Description	Power Inductor, 7.32x7.32x4mm
Height	4mm
Dimension	9.6mm x 7.62mm
Number of Pads	2
Number of Primitives	20



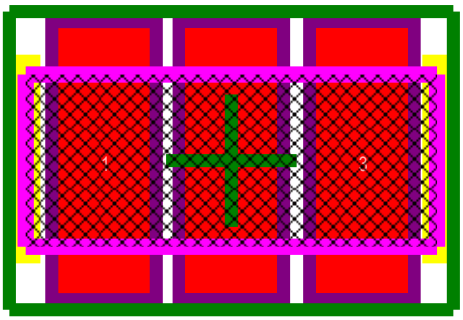
Library Reference	**SMT_XTAL_5x7mm**
Description	
Height	0mm
Dimension	7.3mm x 7.753mm
Number of Pads	4
Number of Primitives	13



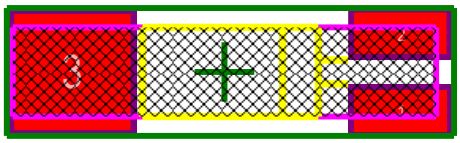
Library Reference	**SMT_XTAL_2520**
Description	Quartz Crystal, SM; Body 2.5 x 2.0 mm
Height	1mm
Dimension	3.425mm x 2.683mm
Number of Pads	4
Number of Primitives	20



Library Reference	**SMT_XTAL_3225**
Description	Quartz Crystal, SM; Body 3.2 x 2.5 mm
Height	1mm
Dimension	4.238mm x 3.311mm
Number of Pads	4
Number of Primitives	20

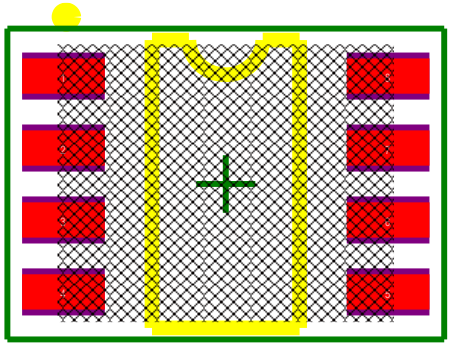


Library Reference	**SMT_XTAL_CSTCE_V**
Description	MURATA CSTCE_V
Height	0mm
Dimension	3.55mm x 2.4mm
Number of Pads	3
Number of Primitives	16

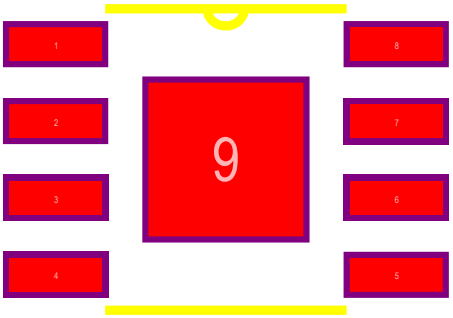


Library Reference	**SMT_XTAL_MS2V_T1S**
Description	MS2V-T1S is a miniature square-bodied 1.5 x 1.5 x 5 mm metal-can package with formed leads
Height	1.58mm
Dimension	7.7mm x 2.3mm
Number of Pads	3
Number of Primitives	21

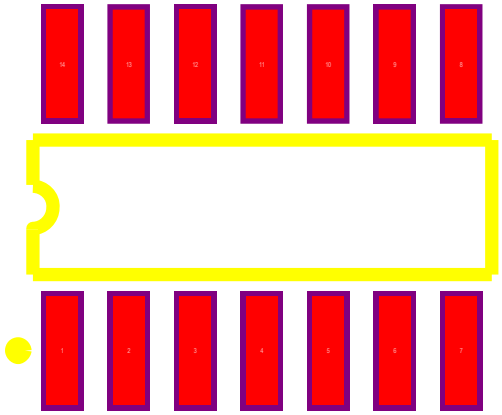
Library Reference	**SO-4**
Description	
Height	0mm
Dimension	7.823mm x 3.142mm
Number of Pads	4
Number of Primitives	11



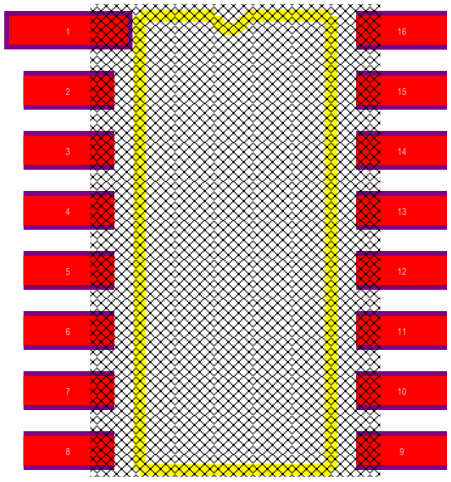
Library Reference	**SO-8**
Description	
Height	1.1mm
Dimension	7.823mm x 6mm
Number of Pads	8
Number of Primitives	22



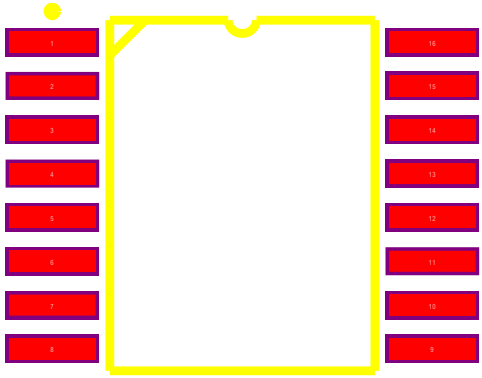
Library Reference	**SO-8-EP**
Description	
Height	0mm
Dimension	7.315mm x 5.156mm
Number of Pads	9
Number of Primitives	12



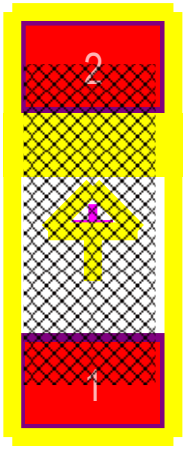
Library Reference	**SO-14**
Description	
Height	0mm
Dimension	9.412mm x 7.603mm
Number of Pads	14
Number of Primitives	21



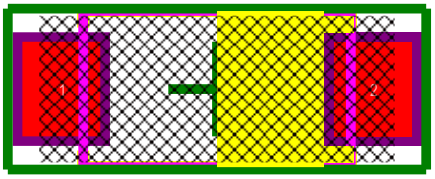
Library Reference	**SO-16**
Description	16-Lead Small Outline Integrated Circuit (SOIC), JEDEC MS-012, 0.150 Narrow
Height	1.75mm
Dimension	9.703mm x 10mm
Number of Pads	16
Number of Primitives	23



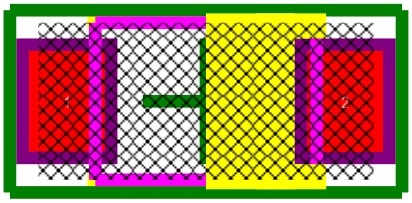
Library Reference	**SO-16W**
Description	100
Height	0mm
Dimension	13.641mm x 10.791mm
Number of Pads	16
Number of Primitives	24



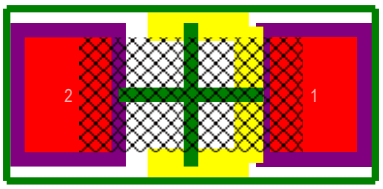
Library Reference	**SOD80**
Description	
Height	0mm
Dimension	2.05mm x 5mm
Number of Pads	2
Number of Primitives	14



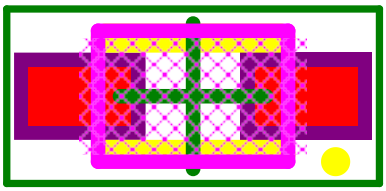
Library Reference	**SOD123**
Description	SOD-123(1206) Package
Height	1.25mm
Dimension	4.45mm x 1.85mm
Number of Pads	2
Number of Primitives	22



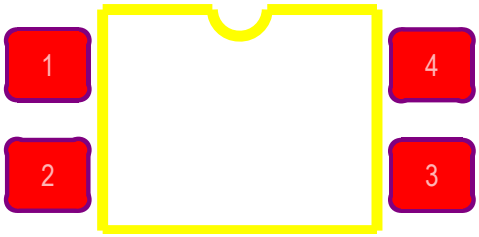
Library Reference	**SOD323**
Description	SOD-323(0805) Package
Height	1.15mm
Dimension	3.25mm x 1.55mm
Number of Pads	2
Number of Primitives	22



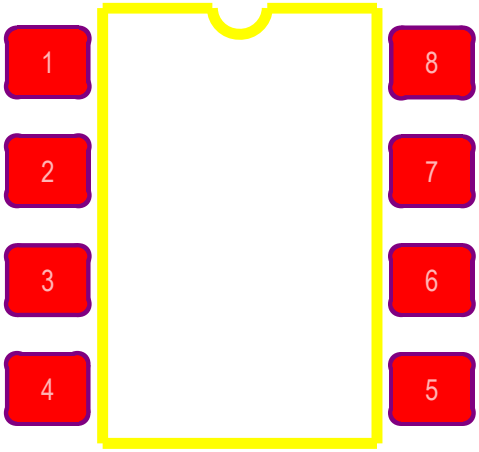
Library Reference	**SOD523**
Description	SOD-523(0603) Package
Height	0mm
Dimension	2.65mm x 1.25mm
Number of Pads	2
Number of Primitives	12



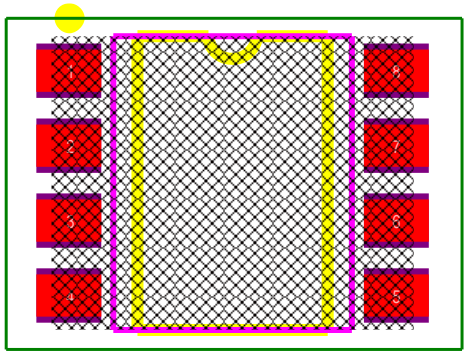
Library Reference	**SOD523_H**
Description	SOD523, 2-Leads, Body 0.80x1.60mm, IPC Medium Density
Height	0.7mm
Dimension	2.65mm x 1.25mm
Number of Pads	2
Number of Primitives	16



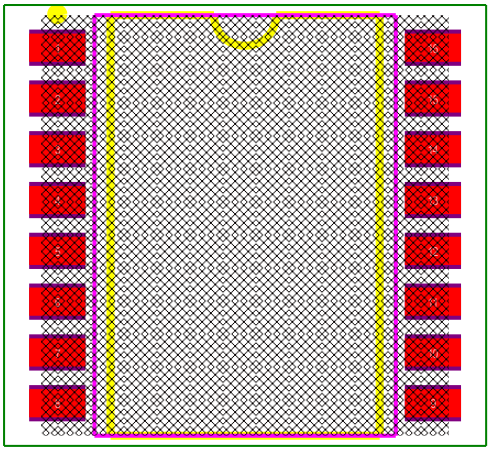
Library Reference	**SOD-4**
Description	
Height	0mm
Dimension	10.871mm x 5.334mm
Number of Pads	4
Number of Primitives	10



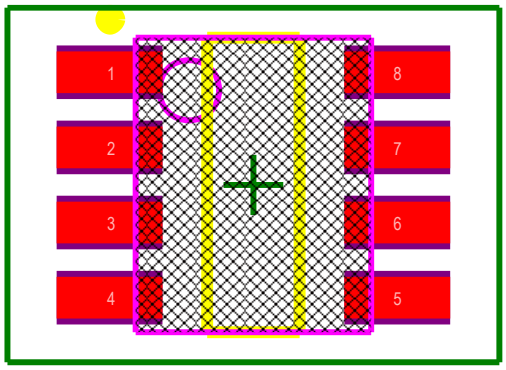
Library Reference	**SOD-8**
Description	
Height	0mm
Dimension	10.871mm x 10.414mm
Number of Pads	8
Number of Primitives	14



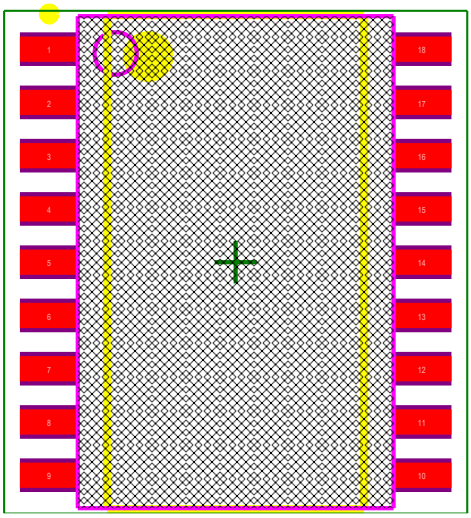
Library Reference	**SOIC-8**
Description	SOIC, 8-Leads, Body 4/90x3/90mm, Pitch 1/27mm, IPC Medium Density
Height	1.75mm
Dimension	7.7mm x 5.905mm
Number of Pads	8
Number of Primitives	24



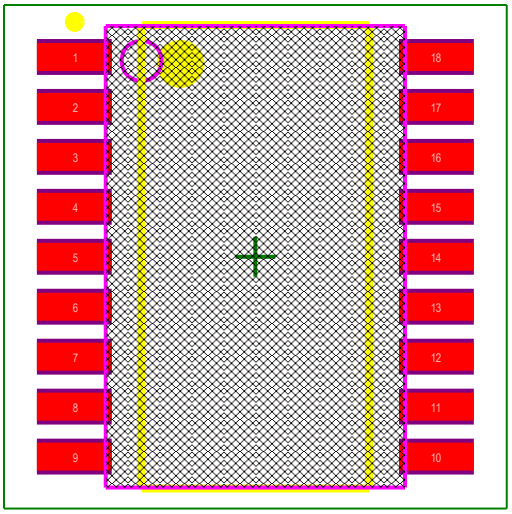
Library Reference	**SOIC-16**
Description	SOIC, 16-Leads, Body 10/30x7/50mm, Pitch 1/27mm, IPC Medium Density
Height	2.65mm
Dimension	12.25mm x 11.07mm
Number of Pads	16
Number of Primitives	32



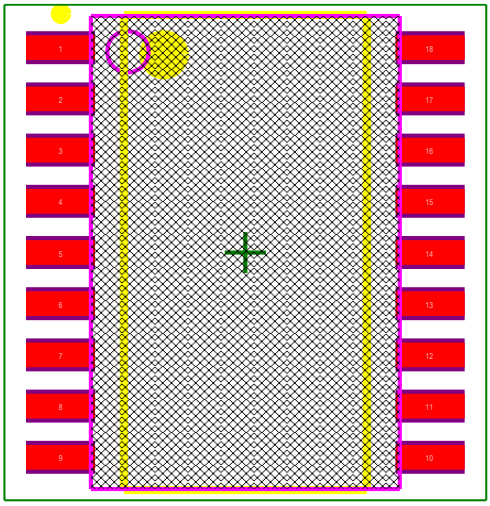
Library Reference	**SOIC-SN8**
Description	
Height	0mm
Dimension	8.5mm x 6.105mm
Number of Pads	8
Number of Primitives	25



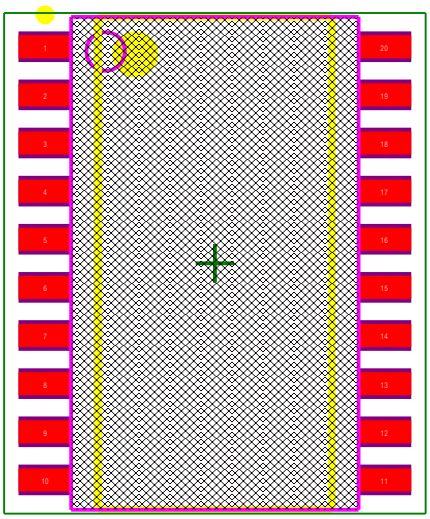
Library Reference	**SOIC-SO18_L**
Description	SOIC, 18-Leads, Body 11.5x7.5mm, Pitch 1.27mm, IPC High Density
Height	2.65mm
Dimension	11.25mm x 12.205mm
Number of Pads	18
Number of Primitives	36



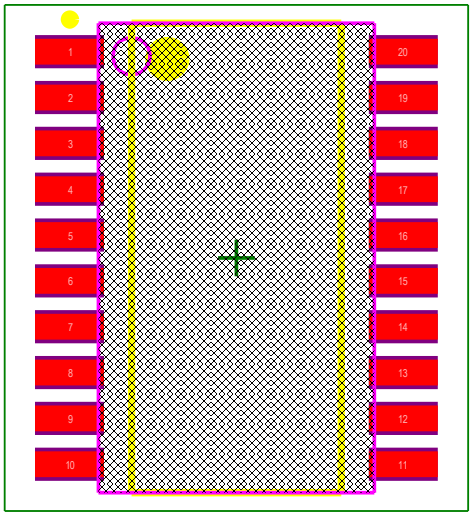
Library Reference	**SOIC-SO18_M**
Description	SOIC, 18-Leads, Body 11.5x7.5mm, Pitch 1.27mm, IPC Low Density
Height	2.65mm
Dimension	12.85mm x 12.85mm
Number of Pads	18
Number of Primitives	36



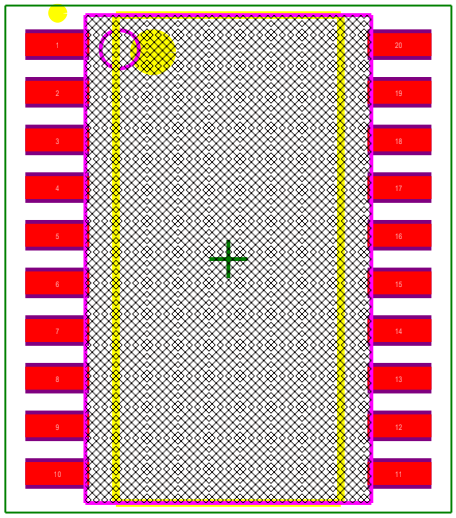
Library Reference	**SOIC-SO18_N**
Description	SOIC, 18-Leads, Body 11.5x7.5mm, Pitch 1.27mm, IPC Medium Density
Height	2.65mm
Dimension	11.95mm x 12.355mm
Number of Pads	18
Number of Primitives	36



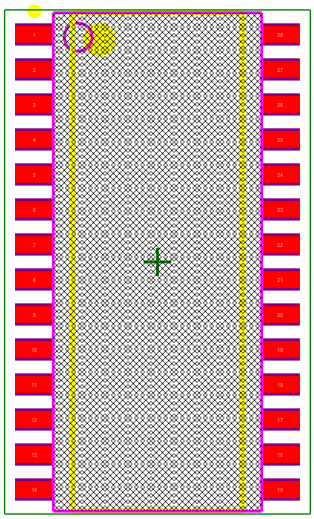
Library Reference	**SOIC-SO20_L**
Description	SOIC, 20-Leads, Body 12.8x7.5mm, Pitch 1.27mm, IPC High Density
Height	2.65mm
Dimension	11.25mm x 13.44mm
Number of Pads	20
Number of Primitives	38



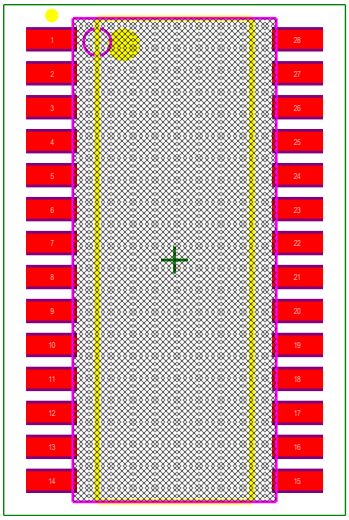
Library Reference	**SOIC-SO20_M**
Description	SOIC, 20-Leads, Body 12.8x7.5mm, Pitch 1.27mm, IPC Low Density
Height	2.65mm
Dimension	12.85mm x 14.05mm
Number of Pads	20
Number of Primitives	38



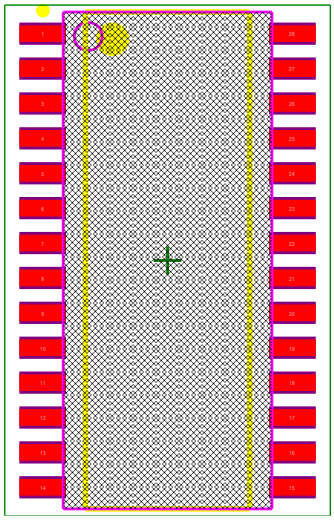
Library Reference	**SOIC-SO20_N**
Description	SOIC, 20-Leads, Body 12.8x7.5mm, Pitch 1.27mm, IPC Medium Density
Height	2.65mm
Dimension	11.95mm x 13.59mm
Number of Pads	20
Number of Primitives	38



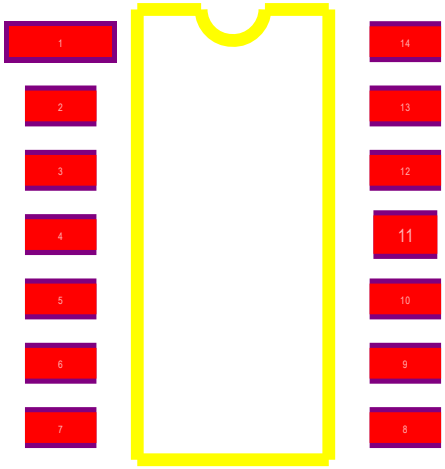
Library Reference	**SOIC-SO28_L**
Description	SOIC, 28-Leads, Body 17.9x7.5mm, Pitch 1.27mm, IPC High Density
Height	2.65mm
Dimension	11.25mm x 18.53mm
Number of Pads	28
Number of Primitives	46



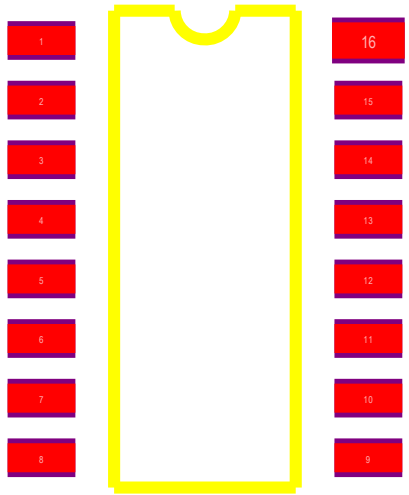
Library Reference	**SOIC-SO28_M**
Description	SOIC, 28-Leads, Body 17.9x7.5mm, Pitch 1.27mm, IPC Low Density
Height	2.65mm
Dimension	12.85mm x 19.15mm
Number of Pads	28
Number of Primitives	46



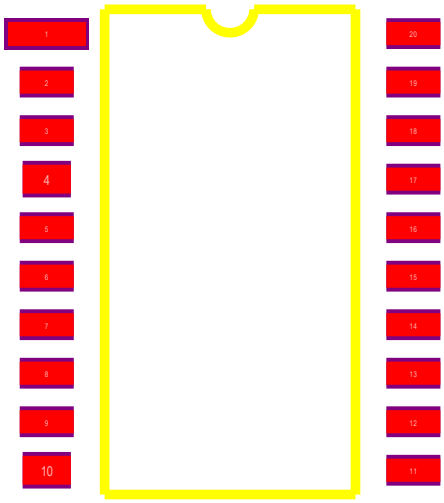
Library Reference	**SOIC-SO28_N**
Description	SOIC, 28-Leads, Body 17.9x7.5mm, Pitch 1.27mm, IPC Medium Density
Height	2.65mm
Dimension	11.95mm x 18.68mm
Number of Pads	28
Number of Primitives	46



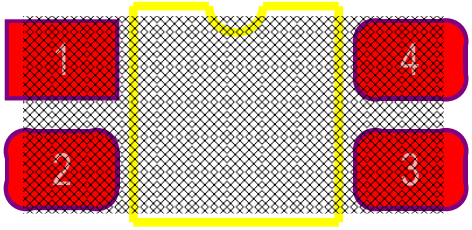
Library Reference	**SOJ-14**
Description	
Height	0mm
Dimension	9.093mm x 9.144mm
Number of Pads	14
Number of Primitives	20



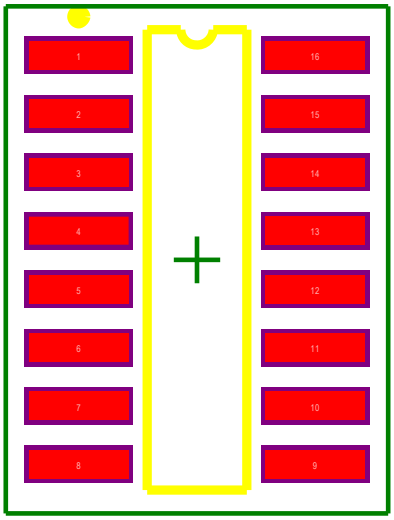
Library Reference	**SOJ-16**
Description	
Height	0mm
Dimension	9.22mm x 10.414mm
Number of Pads	16
Number of Primitives	22



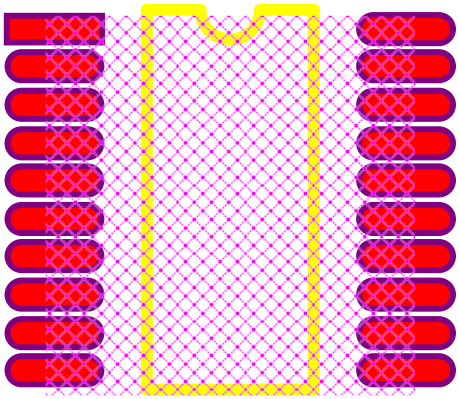
Library Reference	**SOL-20**
Description	
Height	0mm
Dimension	11.887mm x 12.954mm
Number of Pads	20
Number of Primitives	26



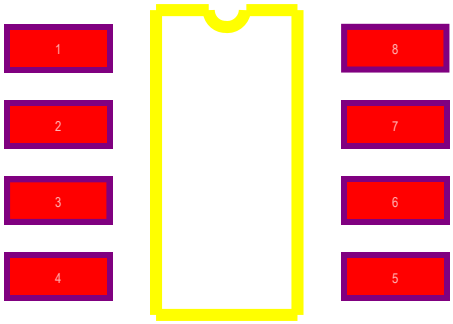
Library Reference	**SOP4**
Description	
Height	3.85mm
Dimension	10.903mm x 5.2mm
Number of Pads	4
Number of Primitives	11



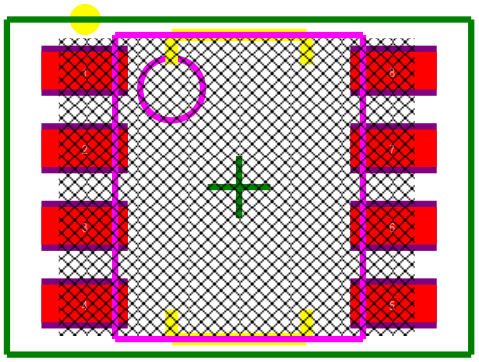
Library Reference	**SOP16M**
Description	
Height	4.32mm
Dimension	8.5mm x 11.1mm
Number of Pads	16
Number of Primitives	29



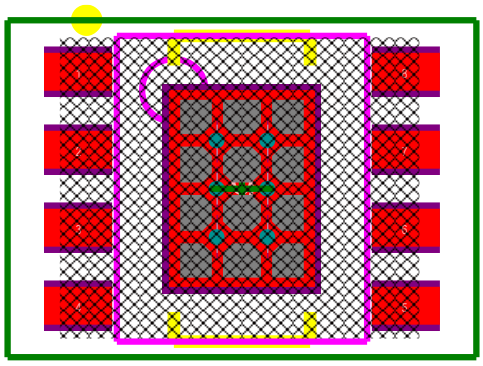
Library Reference	**SOP20**
Description	
Height	20mm
Dimension	7.703mm x 6.7mm
Number of Pads	20
Number of Primitives	27



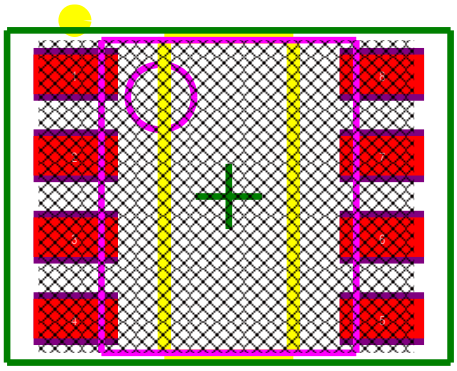
Library Reference	**SOP-8**
Description	
Height	4.32mm
Dimension	7.554mm x 5.28mm
Number of Pads	8
Number of Primitives	14



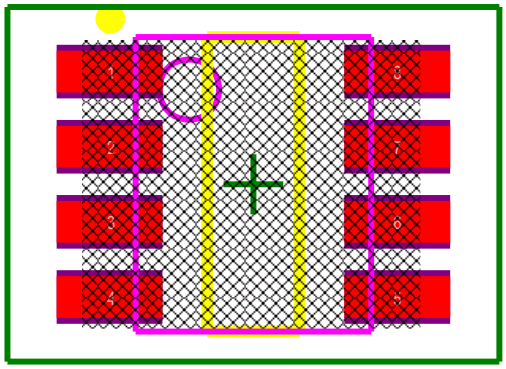
Library Reference	**SOP-8-**
Description	8-Pin Small Outline Integrated Circuit 1.27 mm Pitch, IPC Low Density
Height	1.75mm
Dimension	7.6mm x 5.805mm
Number of Pads	8
Number of Primitives	27



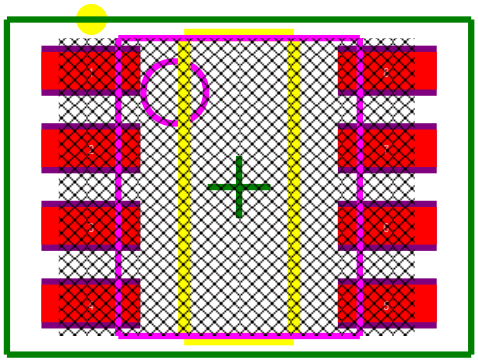
Library Reference	**SOP-8-TP4056**
Description	TP4056 SOP8 With Pad
Height	1.5mm
Dimension	7.6mm x 5.805mm
Number of Pads	15
Number of Primitives	46



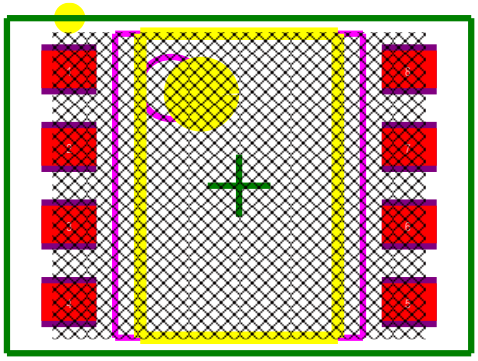
Library Reference	**SOP-8_L**
Description	8-Pin Small Outline Integrated Circuit 1.27 mm Pitch, IPC High Density
Height	1.73mm
Dimension	6.9mm x 5.655mm
Number of Pads	8
Number of Primitives	25



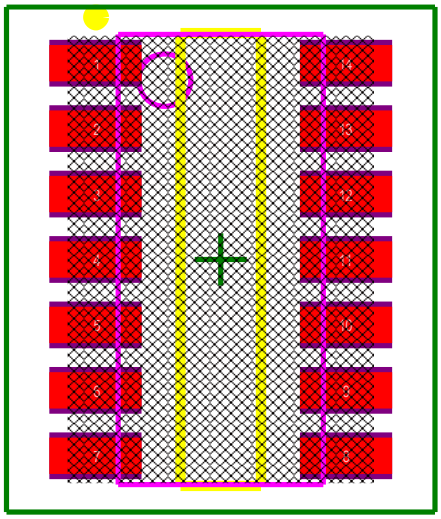
Library Reference	**SOP-8_M**
Description	8-Pin Small Outline Integrated Circuit 1.27 mm Pitch, IPC Low Density
Height	1.73mm
Dimension	8.5mm x 6.105mm
Number of Pads	8
Number of Primitives	25



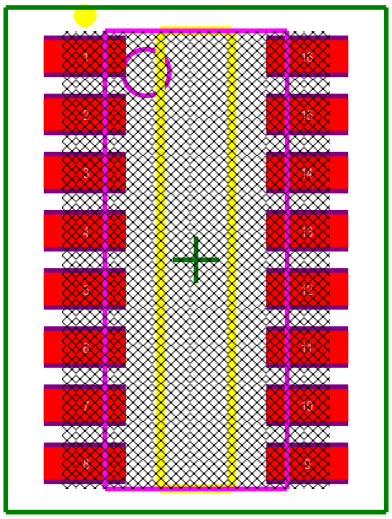
Library Reference	**SOP-8_N**
Description	8-Pin Small Outline Integrated Circuit 1.27 mm Pitch, IPC Medium Density
Height	1.73mm
Dimension	7.6mm x 5.805mm
Number of Pads	8
Number of Primitives	25



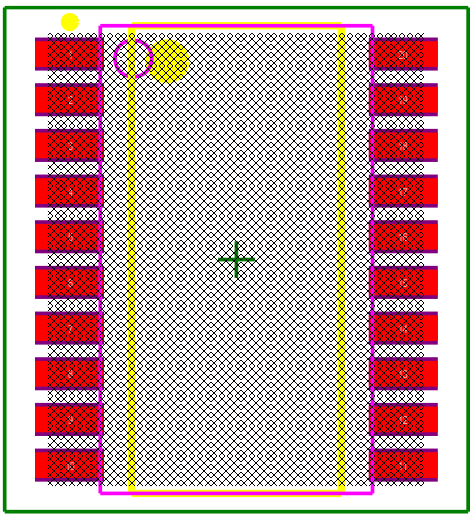
Library Reference	**SOP-8_S**
Description	SOIC, 8-Leads, Body 4.9x3.9mm, Pitch 1.27mm, IPC Medium Density
Height	1.42mm
Dimension	7.6mm x 5.805mm
Number of Pads	8
Number of Primitives	26



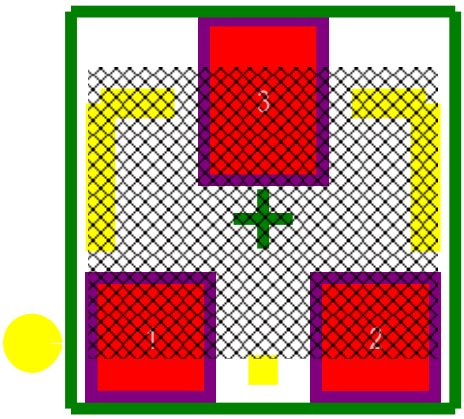
Library Reference	**SOP-14**
Description	
Height	0mm
Dimension	8.5mm x 9.91mm
Number of Pads	14
Number of Primitives	31



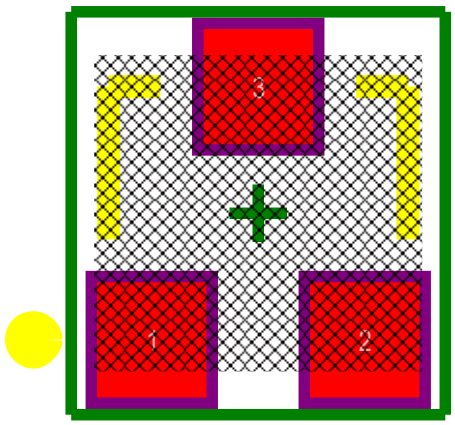
Library Reference	**SOP-16**
Description	16-Pin Small Outline Integrated Circuit 1.27 mm Pitch, IPC Low Density
Height	1.75mm
Dimension	8.5mm x 11.145mm
Number of Pads	16
Number of Primitives	33



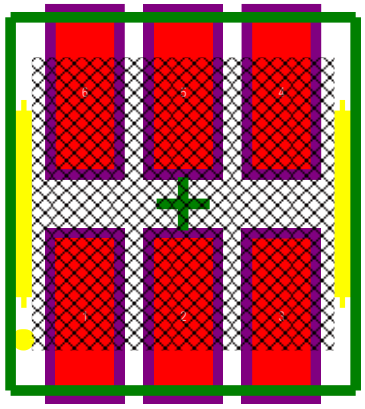
Library Reference	**SOP-20**
Description	20-Pin Small Outline Integrated Circuit 1.27 mm Pitch, IPC Low Density
Height	2.65mm
Dimension	12.9mm x 14.1mm
Number of Pads	20
Number of Primitives	38



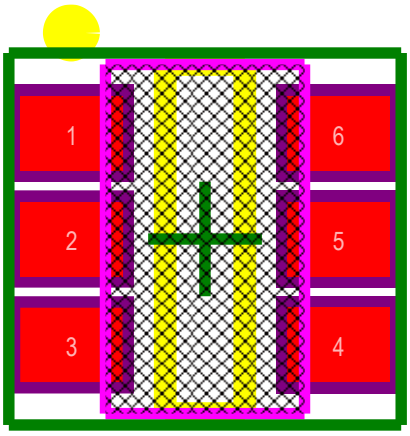
Library Reference	**SOT23**
Description	
Height	1.1mm
Dimension	3.932mm x 3.504mm
Number of Pads	3
Number of Primitives	16



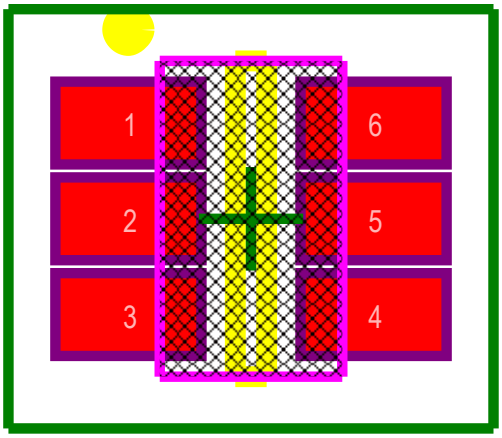
Library Reference	**SOT23-3**
Description	SOT-23; 3 Leads; Body 3.0 x 2.5 mm, inc. leads (LxW max)
Height	1.2mm
Dimension	3.926mm x 3.656mm
Number of Pads	3
Number of Primitives	15



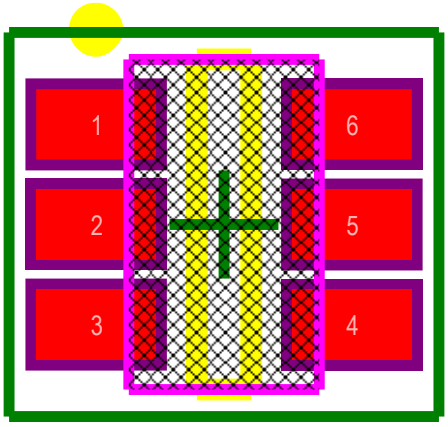
Library Reference	**SOT23-6**
Description	SOT-457/SC-74; 6 Leads; Body 3 x 3 mm, inc. leads (LxW max)
Height	1.45mm
Dimension	3.402mm x 3.803mm
Number of Pads	6
Number of Primitives	20



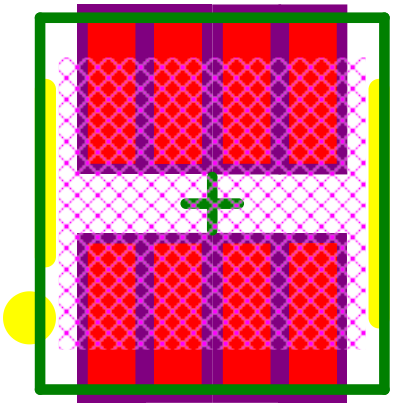
Library Reference	**SOT23-6_L**
Description	SOT23, 6-Leads, Body 2.9x1.6mm, Pitch 0.95mm, Lead Span 2.7mm, IPC High Density
Height	1.45mm
Dimension	3.6mm x 3.775mm
Number of Pads	6
Number of Primitives	22



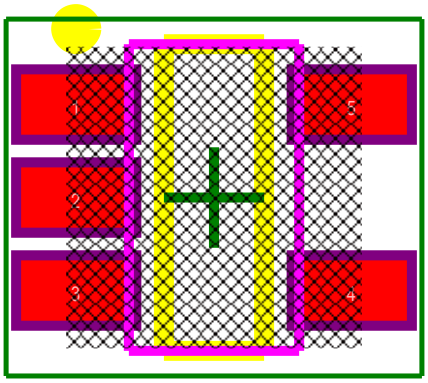
Library Reference	**SOT23-6_M**
Description	SOT23, 6-Leads, Body 2.9x1.6mm, Pitch 0.95mm, Lead Span 2.7mm, IPC Low Density
Height	1.45mm
Dimension	4.8mm x 4.2mm
Number of Pads	6
Number of Primitives	22



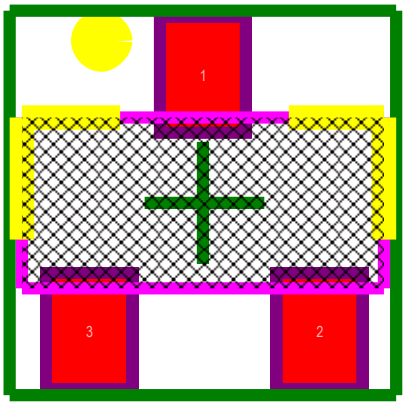
Library Reference	**SOT23-6_N**
Description	SOT23, 6-Leads, Body 2.9x1.6mm, Pitch 0.95mm, Lead Span 2.7mm, IPC Medium Density
Height	1.45mm
Dimension	4.1mm x 3.925mm
Number of Pads	6
Number of Primitives	22



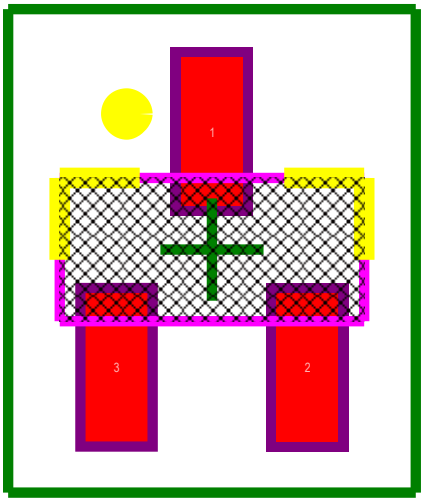
Library Reference	**SOT23-8**
Description	SSOP; 8 Leads; Body Width 1.6 mm; Pitch 0.65 mm
Height	1.45mm
Dimension	3.701mm x 3.803mm
Number of Pads	8
Number of Primitives	18



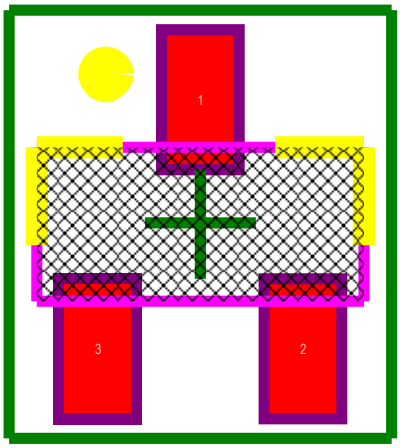
Library Reference	**SOT23-95P-5N_H**
Description	SOT23, 6-Leads, Body 2.95x2.80mm, Pitch 0.95mm, IPC Medium Density
Height	1.45mm
Dimension	4.25mm x 3.775mm
Number of Pads	5
Number of Primitives	21



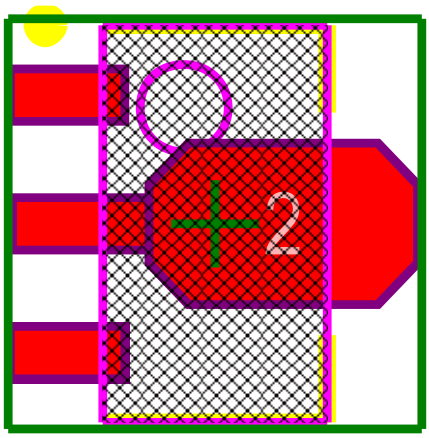
Library Reference	**SOT23_L**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.3mm - Reverse Pinning, IPC High Density
Height	1.1mm
Dimension	3.3mm x 3.3mm
Number of Pads	3
Number of Primitives	19



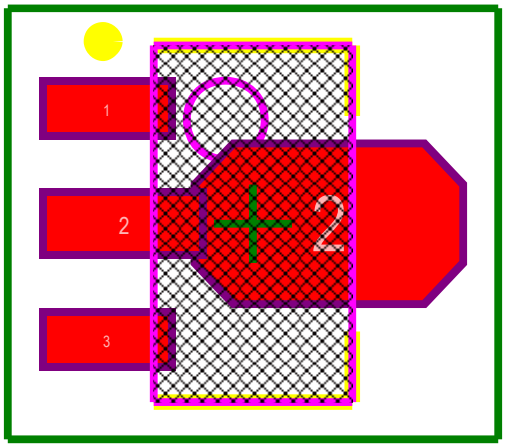
Library Reference	**SOT23_M**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.3mm - Reverse Pinning, IPC Low Density
Height	1.1mm
Dimension	4.1mm x 4.9mm
Number of Pads	3
Number of Primitives	19



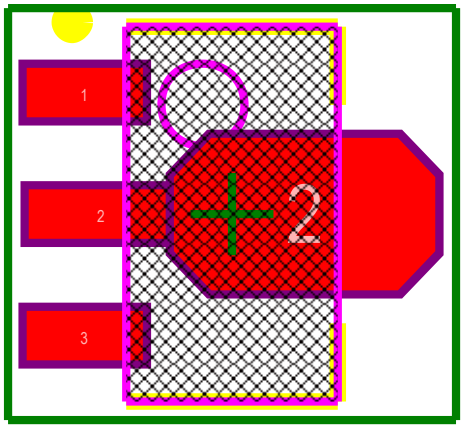
Library Reference	**SOT23_N**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.3mm - Reverse Pinning, IPC Medium Density
Height	1.1mm
Dimension	3.6mm x 4mm
Number of Pads	3
Number of Primitives	19



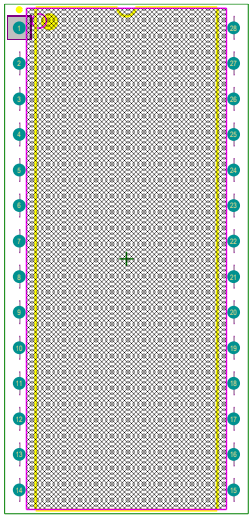
Library Reference	**SOT89L**
Description	SOT89, 3-Leads, Body 4.5x2.4 mm, Pitch 1.5mm, Lead Span 4.1mm, IPC High Density
Height	1.6mm
Dimension	4.9mm x 5mm
Number of Pads	4
Number of Primitives	21



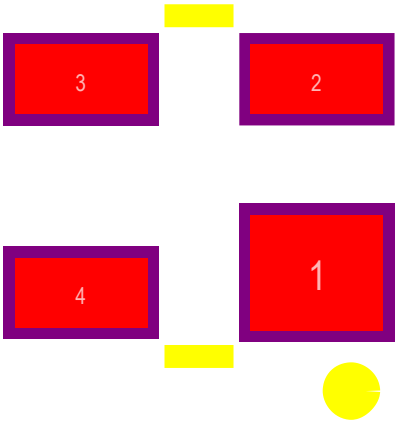
Library Reference	**SOT89M**
Description	SOT89, 3-Leads, Body 4.5x2.4 mm, Pitch 1.5mm, Lead Span 4.1mm, IPC Low Density
Height	1.6mm
Dimension	6.5mm x 5.7mm
Number of Pads	4
Number of Primitives	21



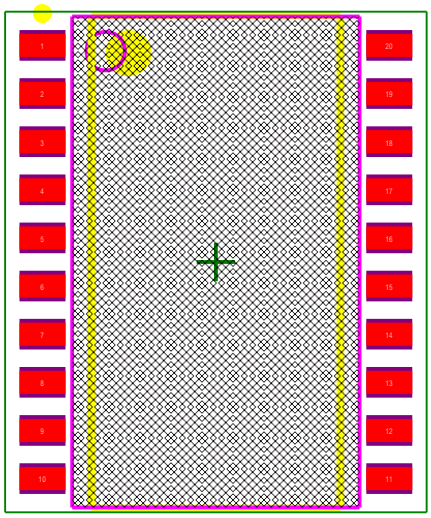
Library Reference	**SOT89N**
Description	SOT89, 3-Leads, Body 4.5x2.4 mm, Pitch 1.5mm, Lead Span 4.1mm, IPC Medium Density
Height	1.6mm
Dimension	5.6mm x 5.2mm
Number of Pads	4
Number of Primitives	21



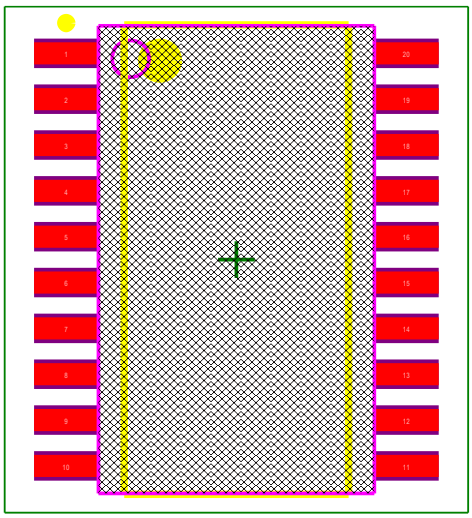
Library Reference	**SOT117-1**
Description	DIP, 28-Leads, Row Spacing 15.24mm, Pitch 2.54mm, Body 34.9x14mm
Height	5.08mm
Dimension	17.35mm x 36.45mm
Number of Pads	28
Number of Primitives	48



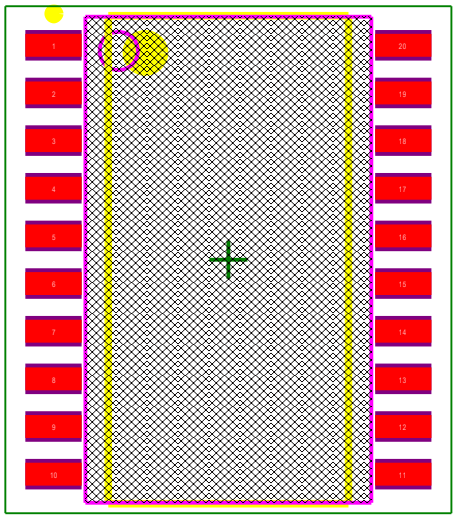
Library Reference	**SOT143B_N**
Description	SOT143, 4-Leads, Body 2.9x1.3mm, Pitch 1.9mm, Lead Span 2.3mm, IPC Medium Density
Height	1.1mm
Dimension	3.453mm x 3.65mm
Number of Pads	4
Number of Primitives	7



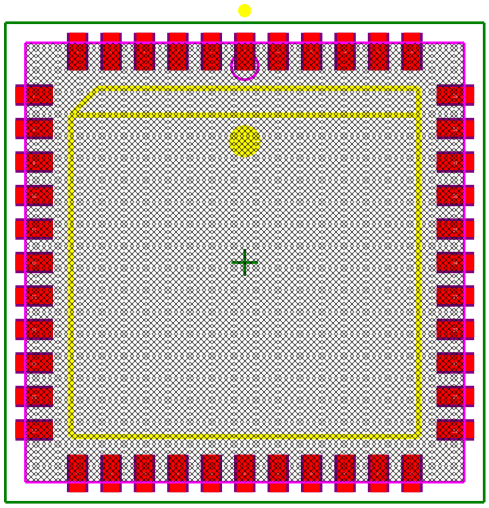
Library Reference	**SOT163-1_L**
Description	SOIC, 20-Leads, Body 12.7x7.5mm, Pitch 1.27mm, IPC High Density
Height	2.54mm
Dimension	11.25mm x 13.44mm
Number of Pads	20
Number of Primitives	38



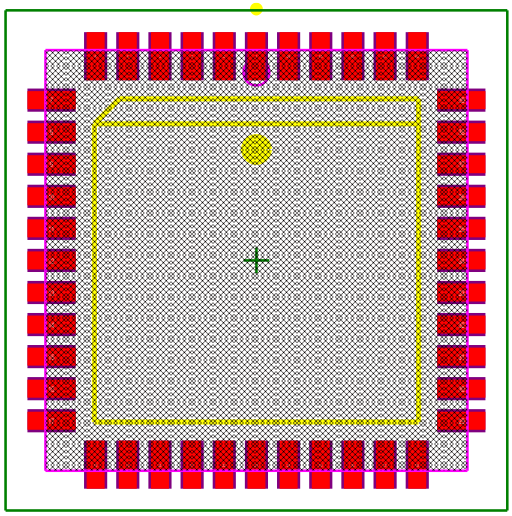
Library Reference	**SOT163-1_M**
Description	SOIC, 20-Leads, Body 12.7x7.5mm, Pitch 1.27mm, IPC Low Density
Height	2.54mm
Dimension	12.85mm x 14.05mm
Number of Pads	20
Number of Primitives	38



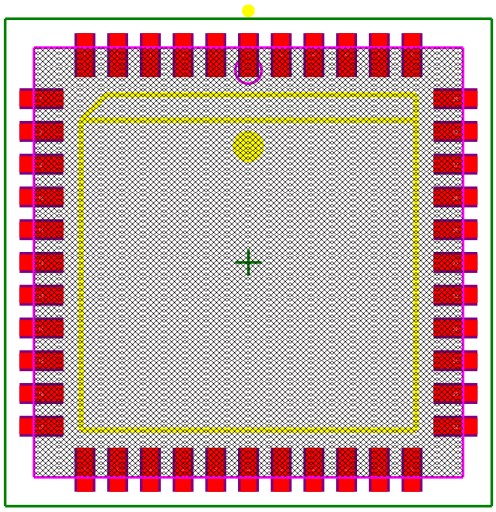
Library Reference	**SOT163-1_N**
Description	SOIC, 20-Leads, Body 12.7x7.5mm, Pitch 1.27mm, IPC Medium Density
Height	2.54mm
Dimension	11.95mm x 13.59mm
Number of Pads	20
Number of Primitives	38



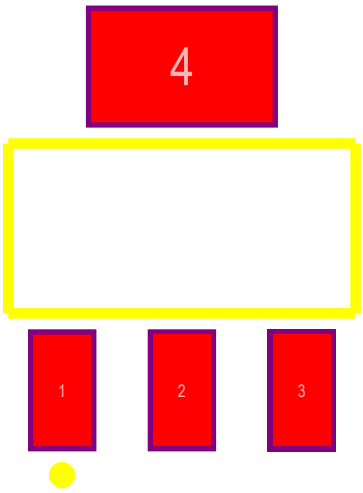
Library Reference	**SOT187-2_L**
Description	Leaded Chip Carrier, 44-Leads, Body 16.6x16.6mm, Pitch 1.27mm, IPC High Density
Height	4.57mm
Dimension	18.3mm x 18.95mm
Number of Pads	44
Number of Primitives	64



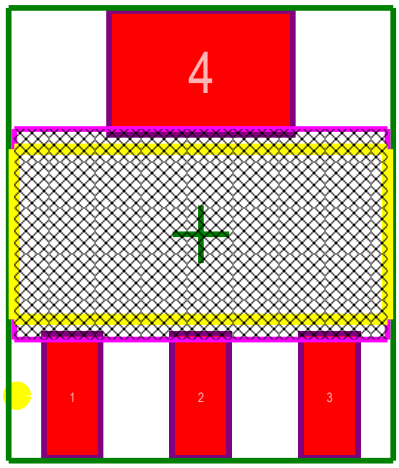
Library Reference	**SOT187-2_M**
Description	Leaded Chip Carrier, 44-Leads, Body 16.6x16.6mm, Pitch 1.27mm, IPC Low Density
Height	4.57mm
Dimension	19.9mm x 20.15mm
Number of Pads	44
Number of Primitives	64



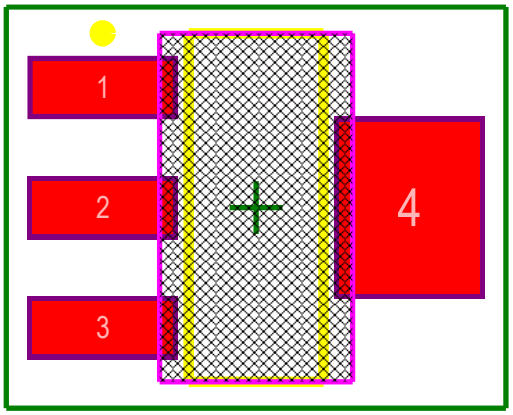
Library Reference	**SOT187-2_N**
Description	Leaded Chip Carrier, 44-Leads, Body 16.6x16.6mm, Pitch 1.27mm, IPC Medium Density
Height	4.57mm
Dimension	19mm x 19.5mm
Number of Pads	44
Number of Primitives	64



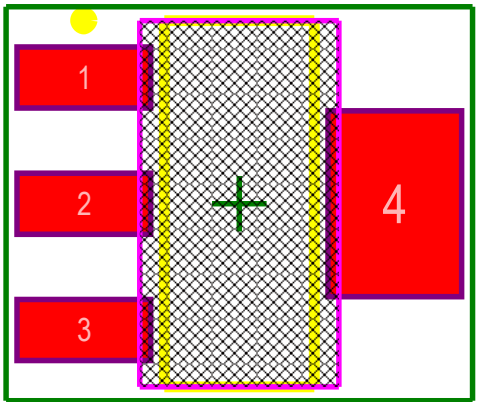
Library Reference	**sot223**
Description	SOT-223/SC-73; 4 Leads; Body 6.7 x 7.3 mm, inc. leads (LxW max)
Height	1.8mm
Dimension	6.9mm x 9.252mm
Number of Pads	4
Number of Primitives	9



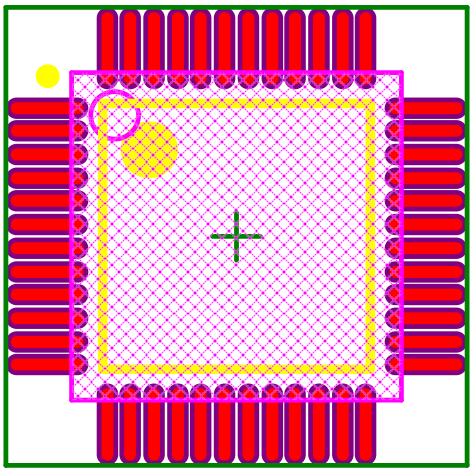
Library Reference	**SOT223_L**
Description	SOT223, 4-Leads, Body 6.5x3.5mm, Pitch 2.3mm, Lead Span 7mm, IPC High Density
Height	1.7mm
Dimension	7.05mm x 8.1mm
Number of Pads	4
Number of Primitives	20



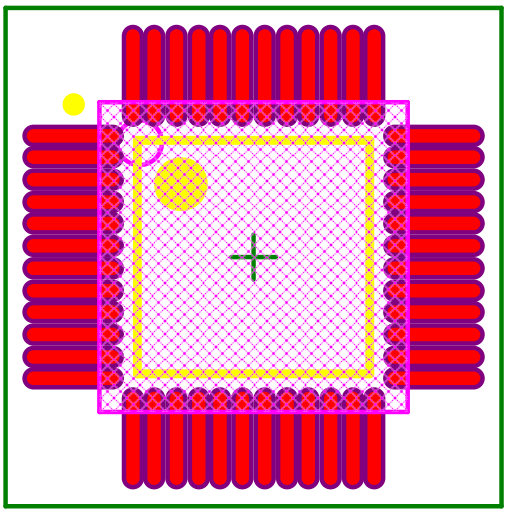
Library Reference	**SOT223_M**
Description	SOT223, 4-Leads, Body 6.5x3.5mm, Pitch 2.3mm, Lead Span 7mm, IPC Low Density
Height	1.7mm
Dimension	9.7mm x 7.8mm
Number of Pads	4
Number of Primitives	20



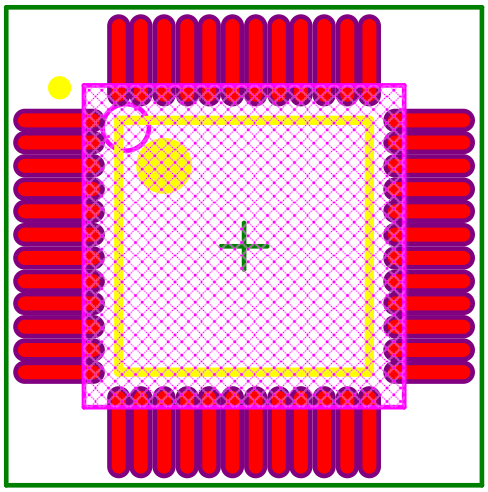
Library Reference	**SOT223_N**
Description	SOT223, 4-Leads, Body 6.5x3.5mm, Pitch 2.3mm, Lead Span 7mm, IPC Medium Density
Height	1.7mm
Dimension	8.8mm x 7.3mm
Number of Pads	4
Number of Primitives	20



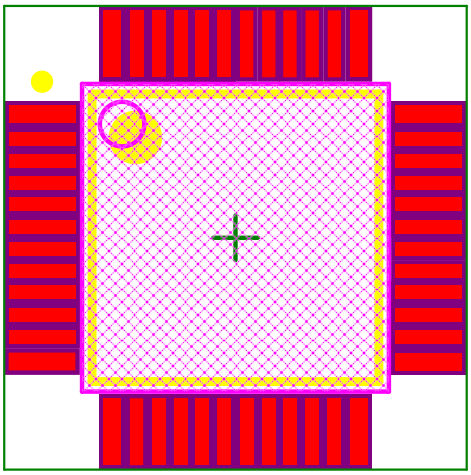
Library Reference	**SOT313-2_L**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	9.9mm x 9.9mm
Number of Pads	48
Number of Primitives	66



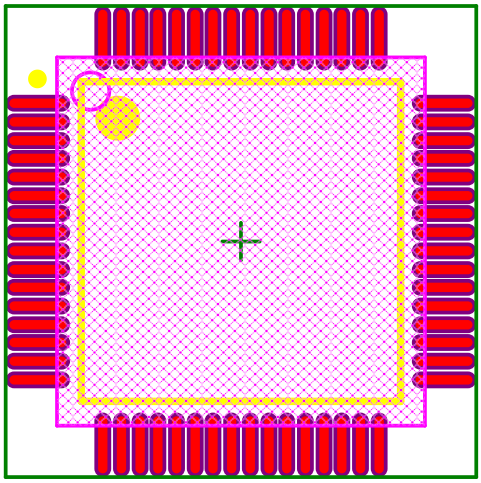
Library Reference	**SOT313-2_M**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	11.4mm x 11.4mm
Number of Pads	48
Number of Primitives	66



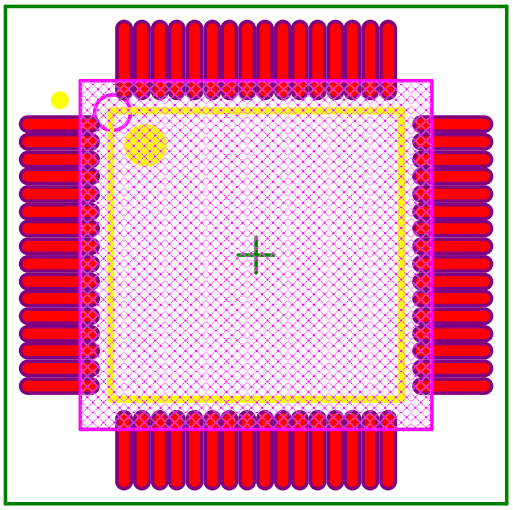
Library Reference	**SOT313-2_N**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	10.5mm x 10.5mm
Number of Pads	48
Number of Primitives	66



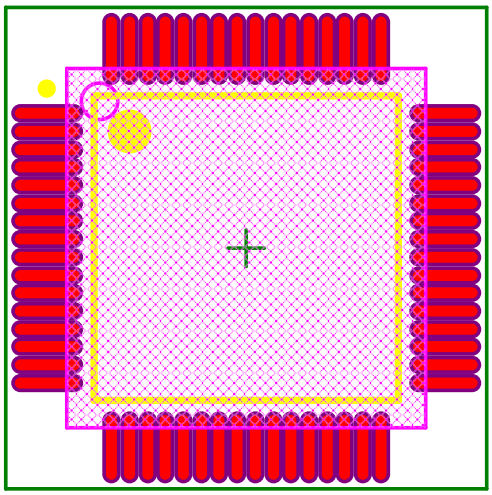
Library Reference	**SOT313-2_V**
Description	Thin QFP, 48-Leads, Body 7x7mm, Pitch 0.5mm, NXP Recommended
Height	1.6mm
Dimension	10.6mm x 10.6mm
Number of Pads	48
Number of Primitives	66



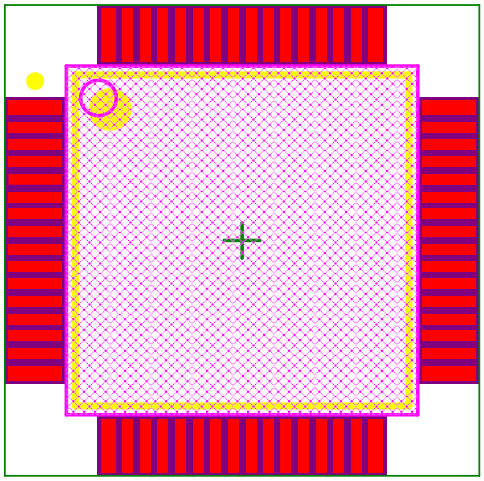
Library Reference	**SOT314-2_L**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	12.9mm x 12.9mm
Number of Pads	64
Number of Primitives	82



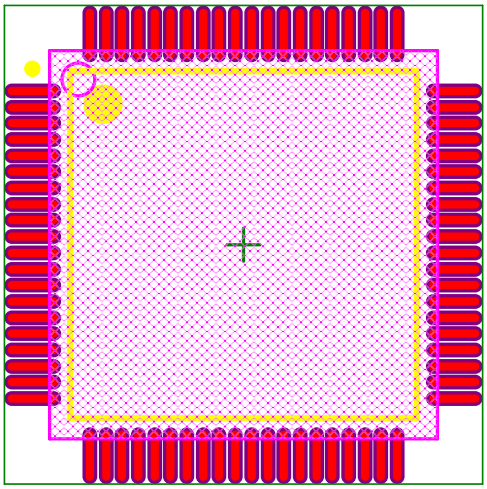
Library Reference	**SOT314-2_M**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	14.4mm x 14.4mm
Number of Pads	64
Number of Primitives	82



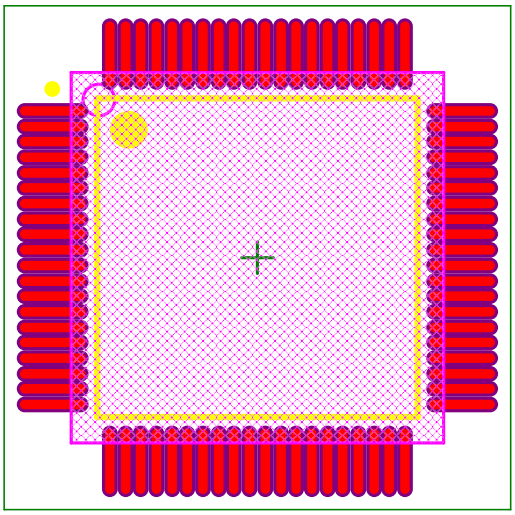
Library Reference	**SOT314-2_N**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	13.5mm x 13.5mm
Number of Pads	64
Number of Primitives	82



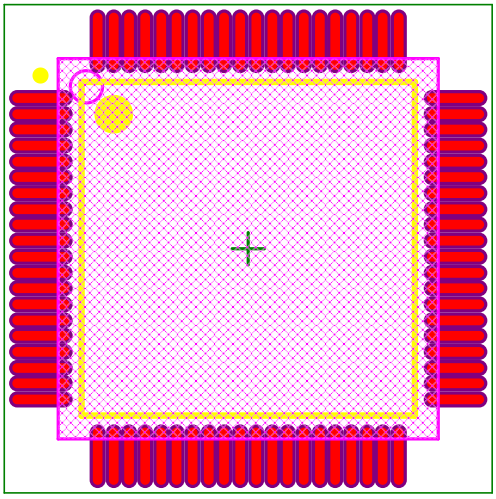
Library Reference	**SOT314-2_V**
Description	Thin QFP, 64-Leads, Body 10x10mm, Pitch 0.5mm, NXP Recommended
Height	1.6mm
Dimension	13.55mm x 13.55mm
Number of Pads	64
Number of Primitives	82



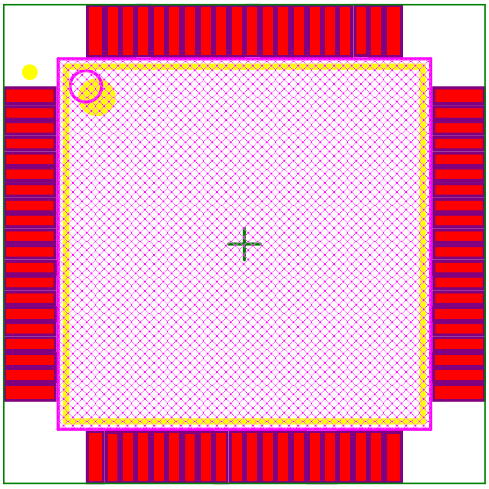
Library Reference	**SOT315-1_L**
Description	Thin QFP, 80-Leads, Body 12x12mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	14.85mm x 14.85mm
Number of Pads	80
Number of Primitives	98



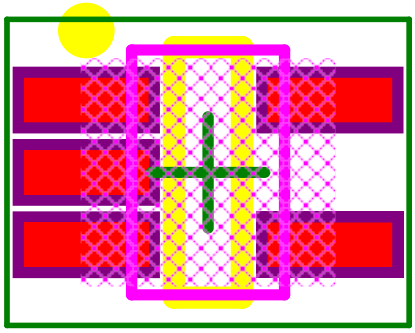
Library Reference	**SOT315-1_M**
Description	Thin QFP, 80-Leads, Body 12x12mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	16.35mm x 16.35mm
Number of Pads	80
Number of Primitives	98



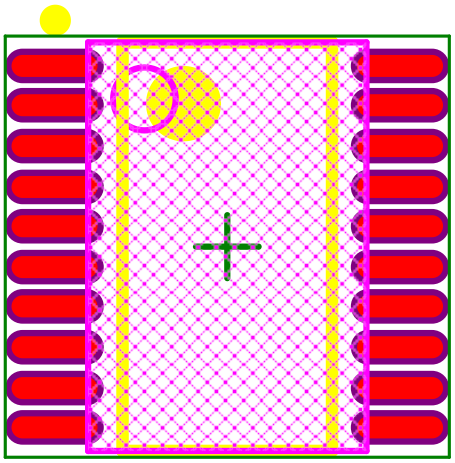
Library Reference	**SOT315-1_N**
Description	Thin QFP, 80-Leads, Body 12x12mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	15.45mm x 15.45mm
Number of Pads	80
Number of Primitives	98



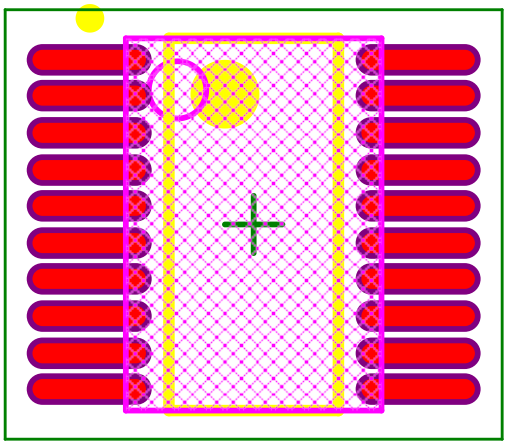
Library Reference	**SOT315-1_V**
Description	Thin QFP, 80-Leads, Body 12x12mm, Pitch 0.5mm, NXP Recommended
Height	1.6mm
Dimension	15.55mm x 15.55mm
Number of Pads	80
Number of Primitives	98



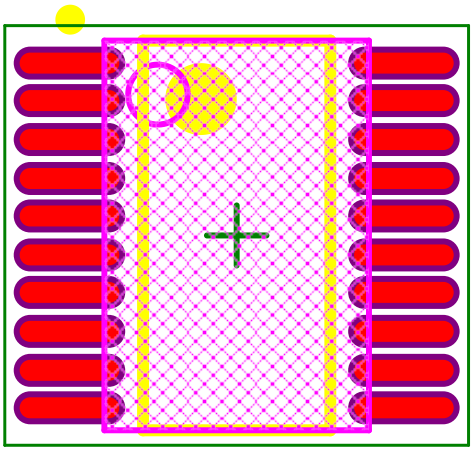
Library Reference	**SOT353-1**
Description	SOT23, 5-Leads, Body 2.05x2.13mm, Pitch 0.65mm, IPC Medium Density(TSSOP5)
Height	1.1mm
Dimension	3.65mm x 2.975mm
Number of Pads	5
Number of Primitives	21



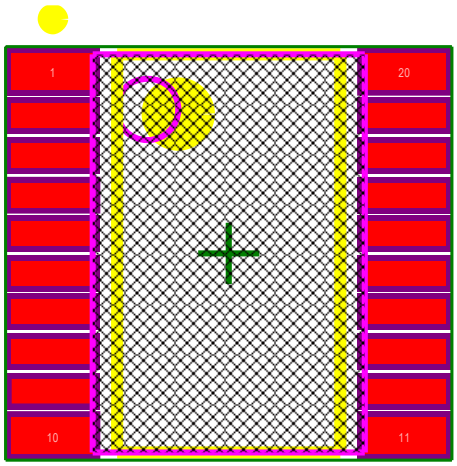
Library Reference	**SOT360-1_L**
Description	TSOP, 20-Leads, Body 6.5x4.4mm, Pitch 0.65mm, IPC High Density
Height	1.1mm
Dimension	7.25mm x 7.325mm
Number of Pads	20
Number of Primitives	38



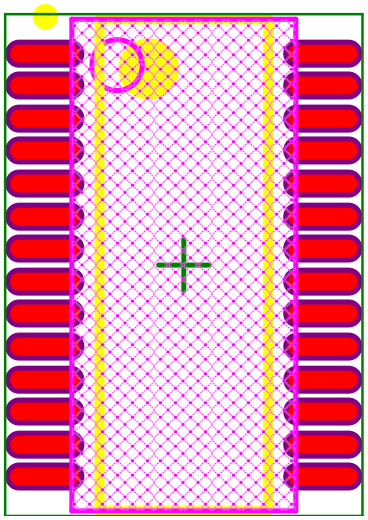
Library Reference	**SOT360-1_M**
Description	TSOP, 20-Leads, Body 6.5x4.4mm, Pitch 0.65mm, IPC Low Density
Height	1.1mm
Dimension	8.85mm x 7.725mm
Number of Pads	20
Number of Primitives	38



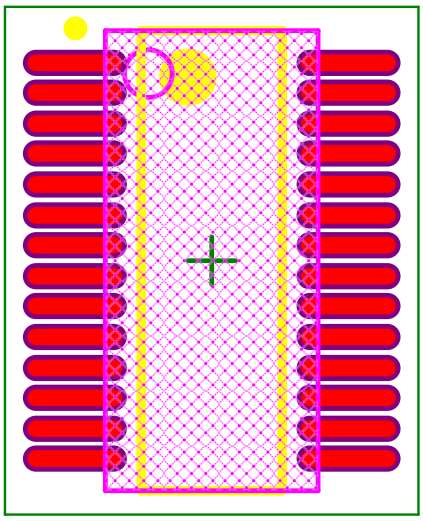
Library Reference	**SOT360-1_N**
Description	TSOP, 20-Leads, Body 6.5x4.4mm, Pitch 0.65mm, IPC Medium Density
Height	1.1mm
Dimension	7.95mm x 7.475mm
Number of Pads	20
Number of Primitives	38



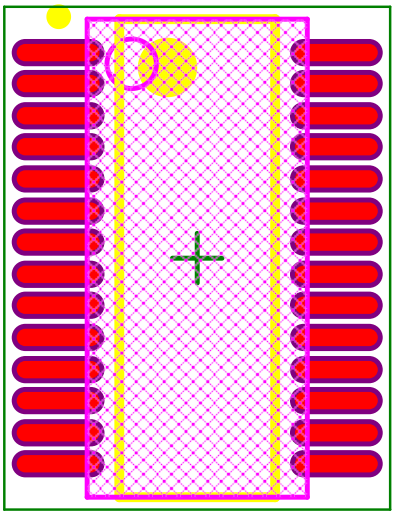
Library Reference	**SOT360-1_V**
Description	TSOP, 20-Leads, Body 6.5x4.4mm, Pitch 0.65mm, NXP Recommended
Height	1.1mm
Dimension	7.45mm x 7.575mm
Number of Pads	20
Number of Primitives	38



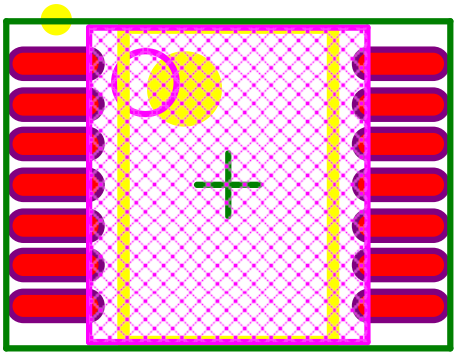
Library Reference	**SOT361-1_L**
Description	TSOP, 28-Leads, Body 9.7x4.4mm, Pitch 0.65mm, IPC High Density
Height	1.1mm
Dimension	7.25mm x 10.225mm
Number of Pads	28
Number of Primitives	46



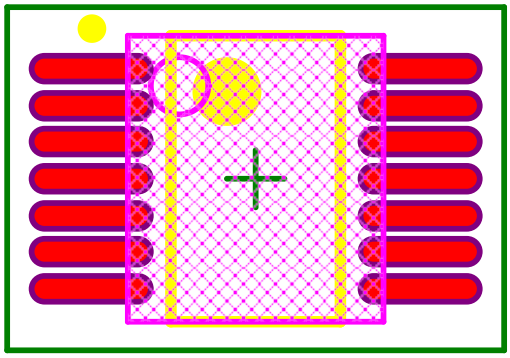
Library Reference	**SOT361-1_M**
Description	TSOP, 28-Leads, Body 9.7x4.4mm, Pitch 0.65mm, IPC Low Density
Height	1.1mm
Dimension	8.85mm x 10.85mm
Number of Pads	28
Number of Primitives	46



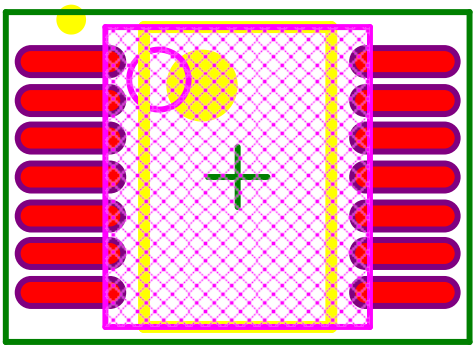
Library Reference	**SOT361-1_N**
Description	TSOP, 28-Leads, Body 9.7x4.4mm, Pitch 0.65mm, IPC Medium Density
Height	1.1mm
Dimension	7.95mm x 10.375mm
Number of Pads	28
Number of Primitives	46



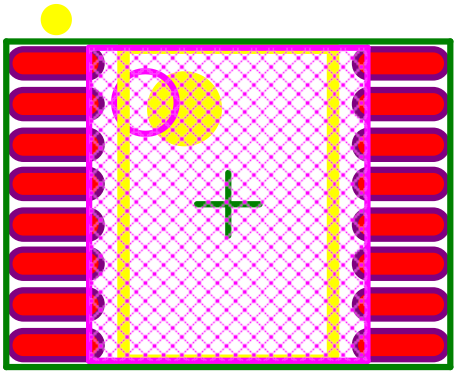
Library Reference	**SOT402-1_L**
Description	TSOP, 14-Leads, Body 5x4.4mm, Pitch 0.65mm, IPC High Density
Height	1.1mm
Dimension	7.3mm x 5.625mm
Number of Pads	14
Number of Primitives	32



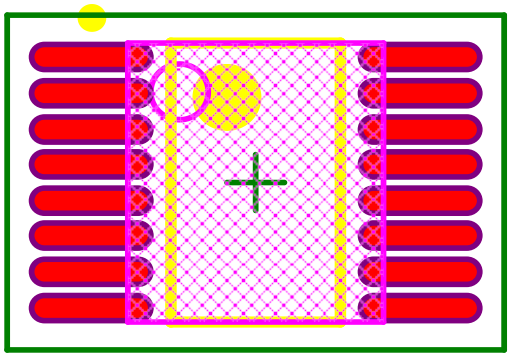
Library Reference	**SOT402-1_M**
Description	TSOP, 14-Leads, Body 5x4.4mm, Pitch 0.65mm, IPC Low Density
Height	1.1mm
Dimension	8.9mm x 6.2mm
Number of Pads	14
Number of Primitives	32



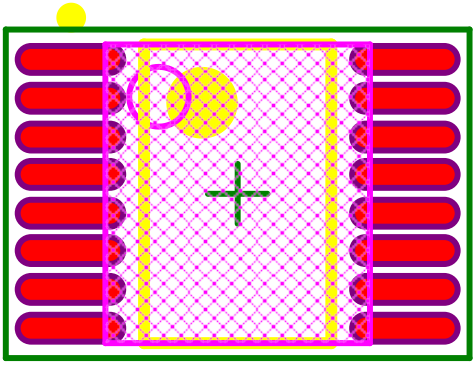
Library Reference	**SOT402-1_N**
Description	TSOP, 14-Leads, Body 5x4.4mm, Pitch 0.65mm, IPC Medium Density
Height	1.1mm
Dimension	8mm x 5.775mm
Number of Pads	14
Number of Primitives	32



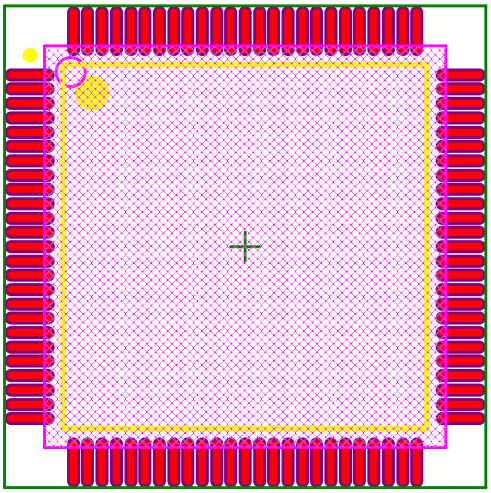
Library Reference	**SOT403-1_L**
Description	TSOP, 16-Leads, Body 5x4.4mm, Pitch 0.65mm, IPC High Density
Height	1.1mm
Dimension	7.3mm x 5.95mm
Number of Pads	16
Number of Primitives	34



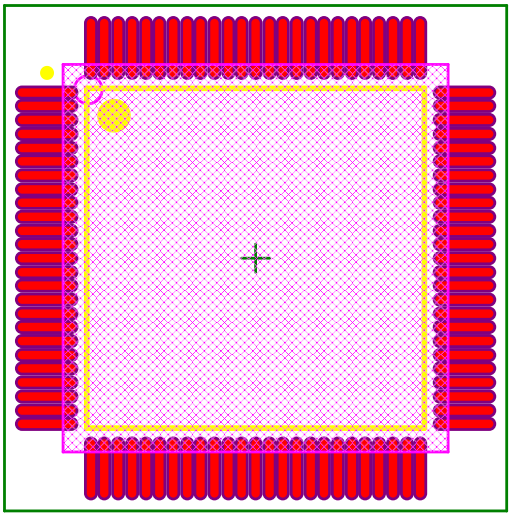
Library Reference	**SOT403-1_M**
Description	TSOP, 16-Leads, Body 5x4.4mm, Pitch 0.65mm, IPC Low Density
Height	1.1mm
Dimension	8.9mm x 6.35mm
Number of Pads	16
Number of Primitives	34



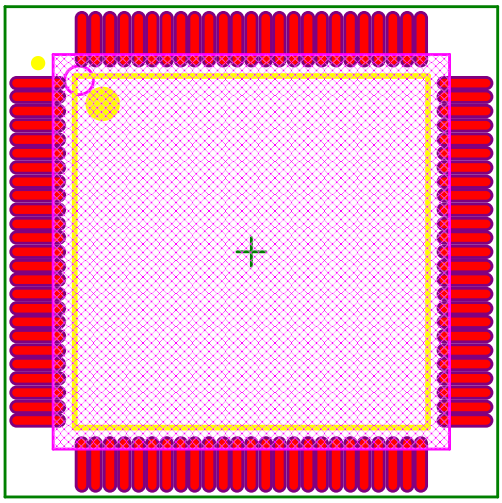
Library Reference	**SOT403-1_N**
Description	TSOP, 16-Leads, Body 5x4.4mm, Pitch 0.65mm, IPC Medium Density
Height	1.1mm
Dimension	8mm x 6.1mm
Number of Pads	16
Number of Primitives	34



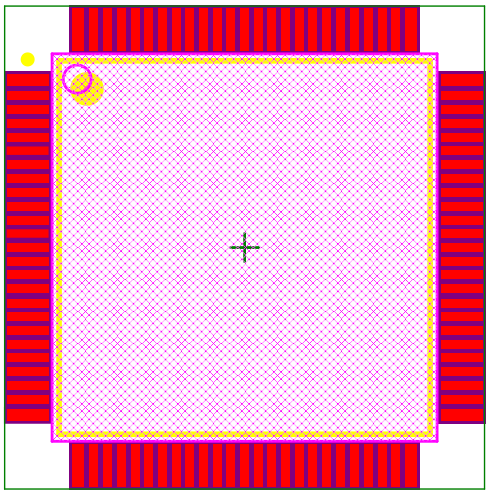
Library Reference	**SOT407-1_L**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	16.9mm x 16.9mm
Number of Pads	100
Number of Primitives	118



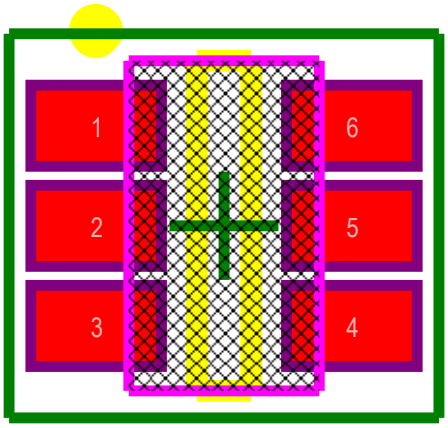
Library Reference	**SOT407-1_M**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	18.4mm x 18.4mm
Number of Pads	100
Number of Primitives	118



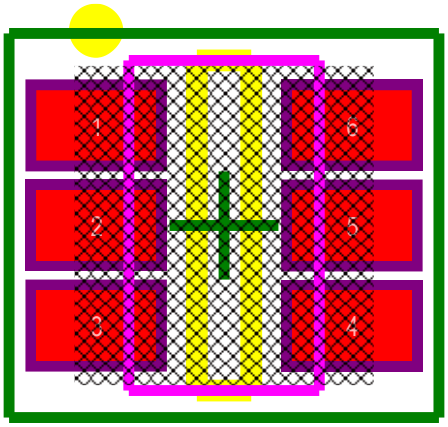
Library Reference	**SOT407-1_N**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	17.5mm x 17.5mm
Number of Pads	100
Number of Primitives	118



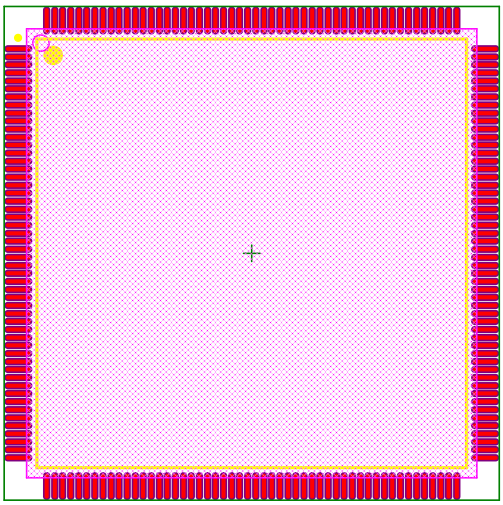
Library Reference	**SOT407-1_V**
Description	Thin QFP, 100-Leads, Body 14x14mm, Pitch 0.5mm, NXP Recommended
Height	1.6mm
Dimension	17.55mm x 17.55mm
Number of Pads	100
Number of Primitives	118



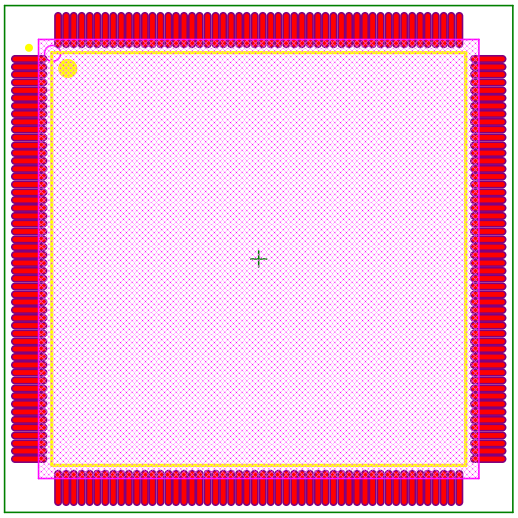
Library Reference	**SOT457**
Description	
Height	1.1mm
Dimension	4.1mm x 3.925mm
Number of Pads	6
Number of Primitives	22



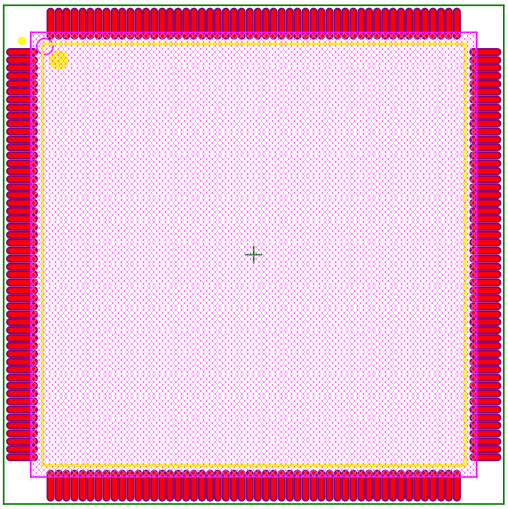
Library Reference	**SOT457_N**
Description	SOT23, 6-Leads, Body 2.9x1.5mm, Pitch 0.95mm, Lead Span 2.8mm, IPC Medium Density
Height	1.1mm
Dimension	4.1mm x 3.925mm
Number of Pads	6
Number of Primitives	22



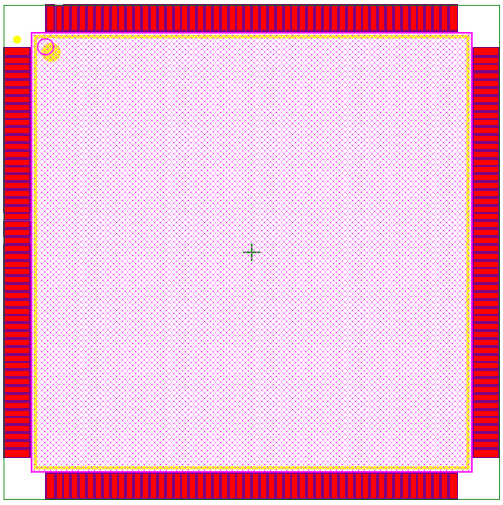
Library Reference	**SOT459-1_L**
Description	Thin QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	30.9mm x 30.9mm
Number of Pads	208
Number of Primitives	226



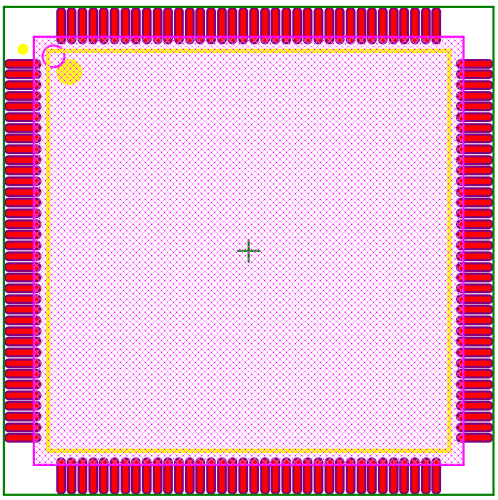
Library Reference	**SOT459-1_M**
Description	Thin QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	32.4mm x 32.4mm
Number of Pads	208
Number of Primitives	226



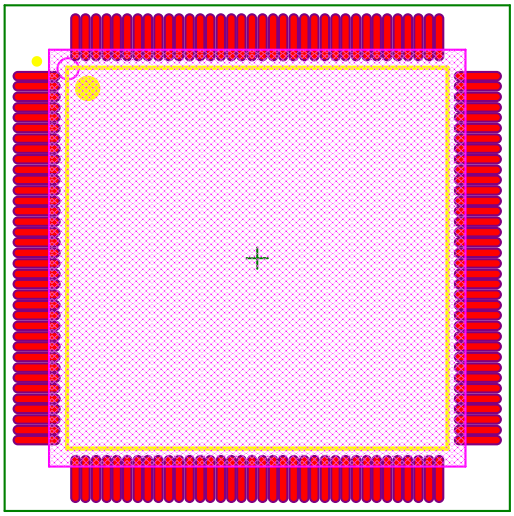
Library Reference	**SOT459-1_N**
Description	Thin QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	31.5mm x 31.5mm
Number of Pads	208
Number of Primitives	226



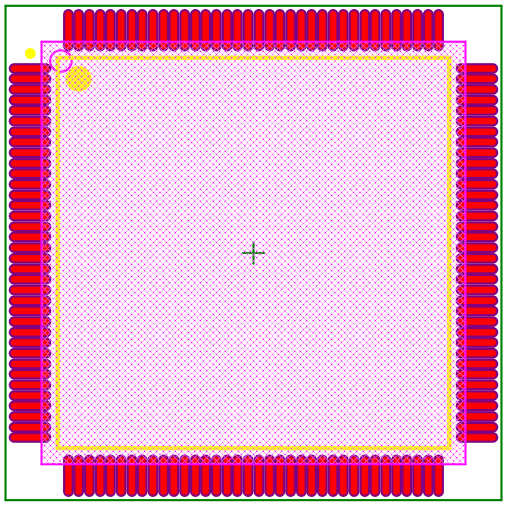
Library Reference	**SOT459-1_V**
Description	Thin QFP, 208-Leads, Body 28x28mm, Pitch 0.5mm, NXP Recommended
Height	1.6mm
Dimension	31.55mm x 31.55mm
Number of Pads	208
Number of Primitives	226



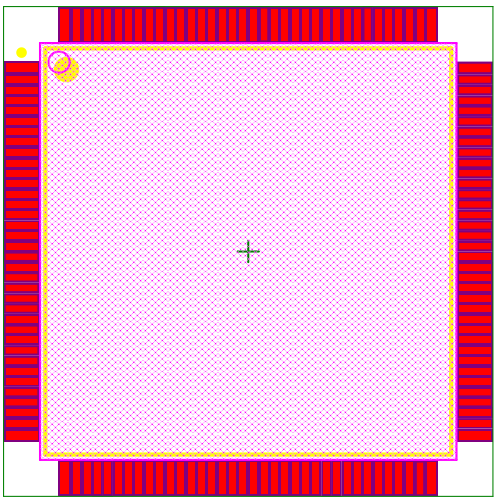
Library Reference	**SOT486-1_L**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	22.9mm x 22.9mm
Number of Pads	144
Number of Primitives	162



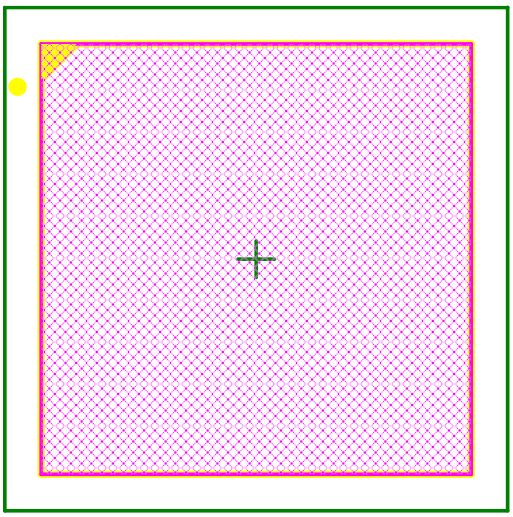
Library Reference	**SOT486-1_M**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	24.4mm x 24.4mm
Number of Pads	144
Number of Primitives	162



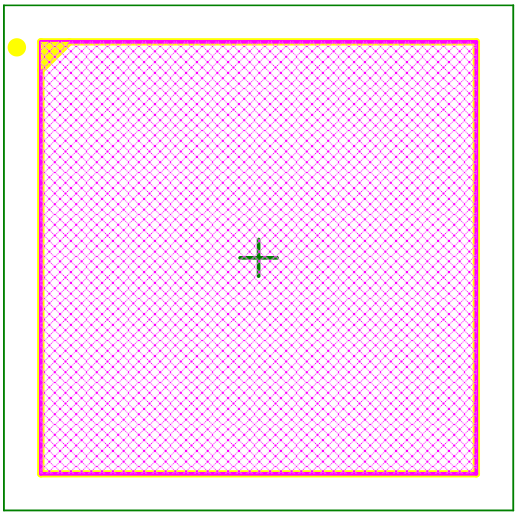
Library Reference	**SOT486-1_N**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	23.5mm x 23.5mm
Number of Pads	144
Number of Primitives	162



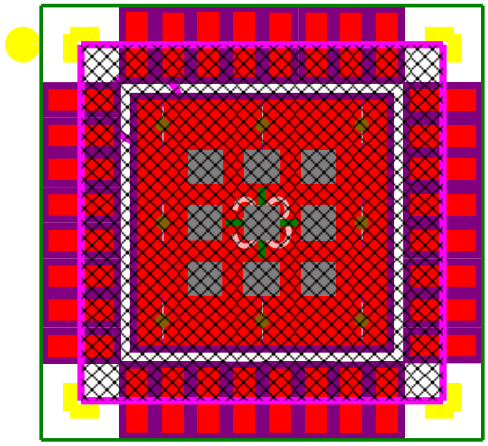
Library Reference	**SOT486-1_V**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, NXP Recommended
Height	1.6mm
Dimension	23.55mm x 23.55mm
Number of Pads	144
Number of Primitives	162



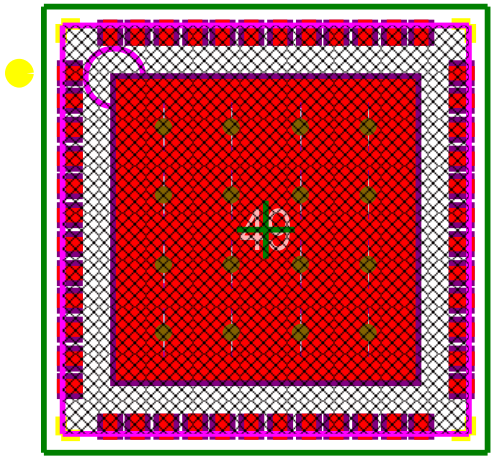
Library Reference	**SOT569-1**
Description	BGA, 144-Leads, Body 12x12mm, Pitch 0.8mm
Height	1.2mm
Dimension	14.1mm x 14.1mm
Number of Pads	144
Number of Primitives	162



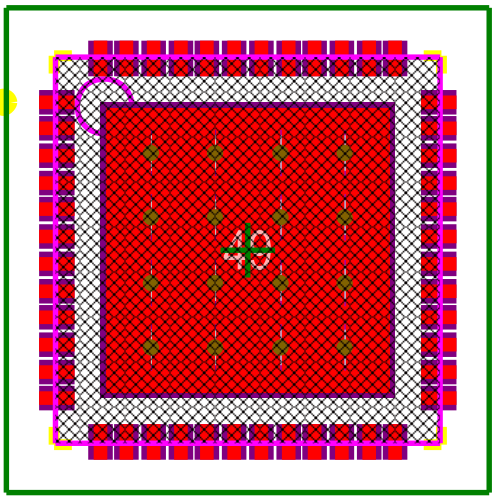
Library Reference	**SOT570-3**
Description	BGA, 180-Leads, Body 12x12mm, Pitch 0.8mm
Height	1.2mm
Dimension	14.05mm x 14.05mm
Number of Pads	180
Number of Primitives	198



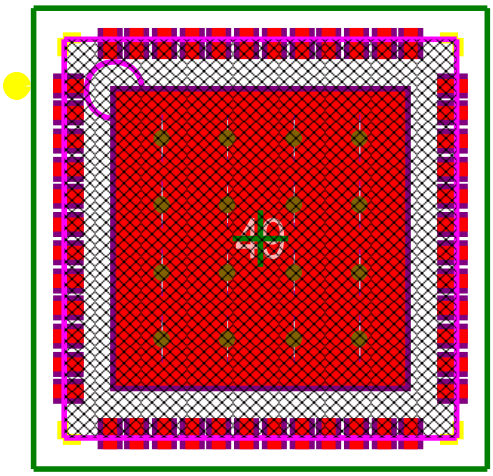
Library Reference	**SOT617-3_V**
Description	QFN, 32-Leads, Body 5x5mm, Pitch 0.5mm, Thermal Pad 3.5x3.5mm, NXP Recommended
Height	0.85mm
Dimension	6.725mm x 6.25mm
Number of Pads	33
Number of Primitives	71



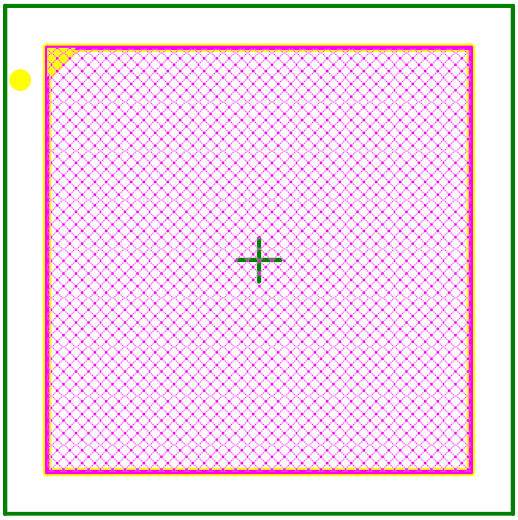
Library Reference	**SOT619-1_L**
Description	QFN, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC High Density
Height	1mm
Dimension	8.55mm x 7.9mm
Number of Pads	49
Number of Primitives	86



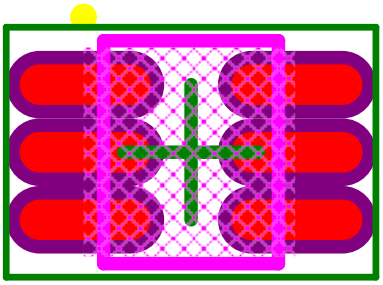
Library Reference	**SOT619-1_M**
Description	QFN, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC Low Density
Height	1mm
Dimension	9.35mm x 9.1mm
Number of Pads	49
Number of Primitives	86



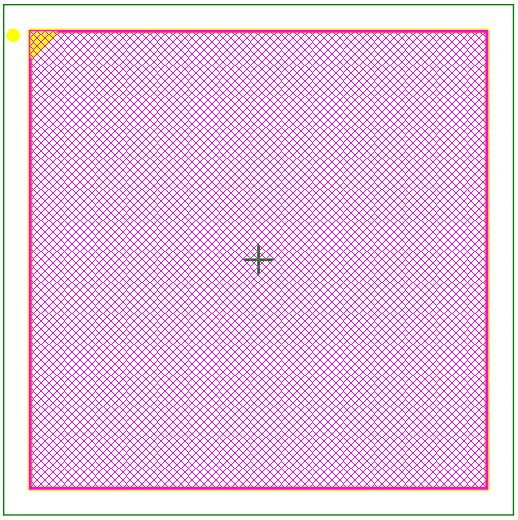
Library Reference	**SOT619-1_N**
Description	QFN, 48-Leads, Body 7x7mm, Pitch 0.5mm, IPC Medium Density
Height	1mm
Dimension	8.9mm x 8.4mm
Number of Pads	49
Number of Primitives	86



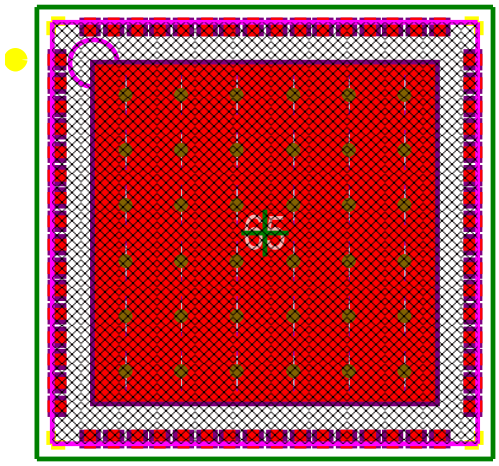
Library Reference	**SOT640-1**
Description	BGA, 180-Leads, Body 10x10mm, Pitch 0.5mm
Height	1.11mm
Dimension	12.1mm x 12.1mm
Number of Pads	180
Number of Primitives	198



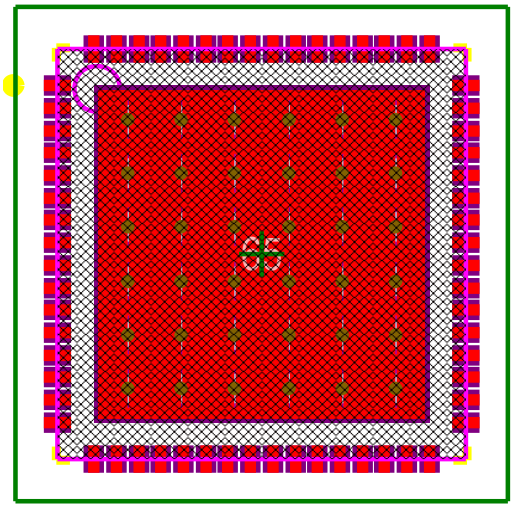
Library Reference	**SOT666**
Description	SOP, 6-Flat Leads, Body 1.6x1.6x0.6mm, inc leads (LxWxH typ), Pitch 0.5mm, ST Recommended
Height	0.6mm
Dimension	2.85mm x 2.095mm
Number of Pads	6
Number of Primitives	18



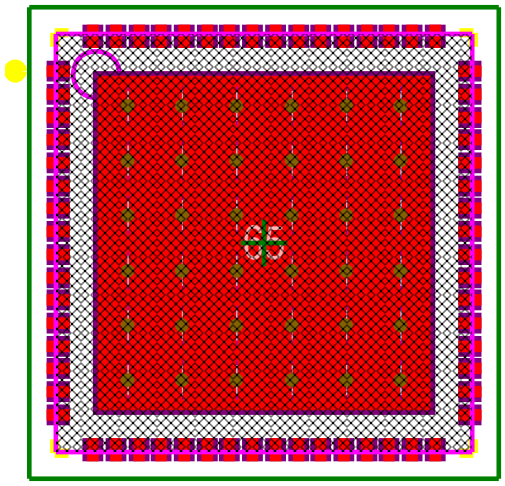
Library Reference	**SOT740-2**
Description	BGA, 256-Leads, Body 17x17mm, Pitch 1mm
Height	1.55mm
Dimension	19.05mm x 19.05mm
Number of Pads	256
Number of Primitives	274



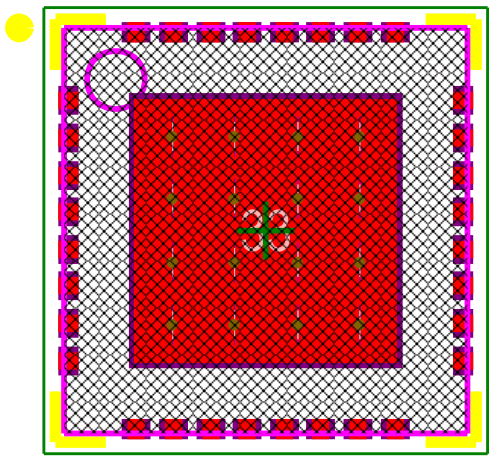
Library Reference	**SOT804-2_L**
Description	QFN, 64-Leads, Body 9x9mm, Pitch 0.5mm, IPC High Density
Height	1mm
Dimension	10.55mm x 9.9mm
Number of Pads	65
Number of Primitives	122



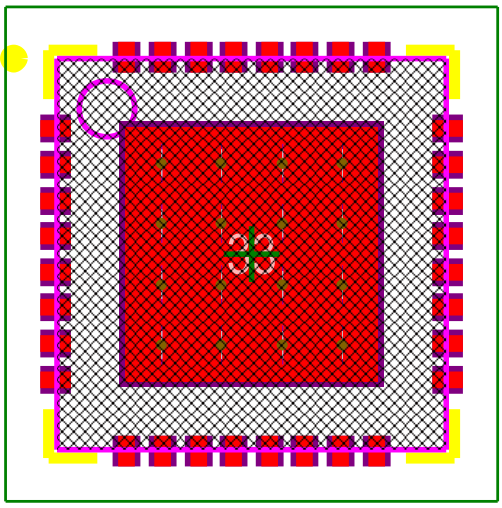
Library Reference	**SOT804-2_M**
Description	QFN, 64-Leads, Body 9x9mm, Pitch 0.5mm, IPC Low Density
Height	1mm
Dimension	11.35mm x 11.1mm
Number of Pads	65
Number of Primitives	122



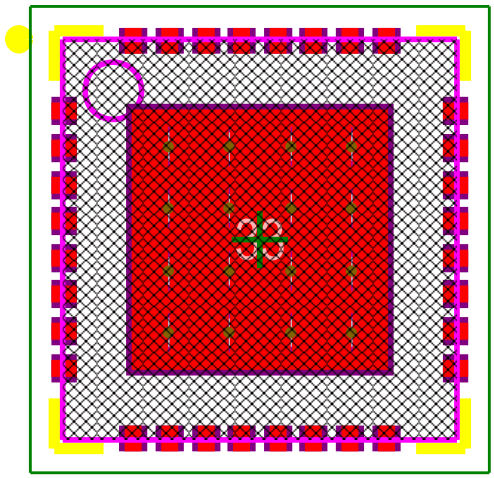
Library Reference	**SOT804-2_N**
Description	QFN, 64-Leads, Body 9x9mm, Pitch 0.5mm, IPC Medium Density
Height	1mm
Dimension	10.9mm x 10.4mm
Number of Pads	65
Number of Primitives	122



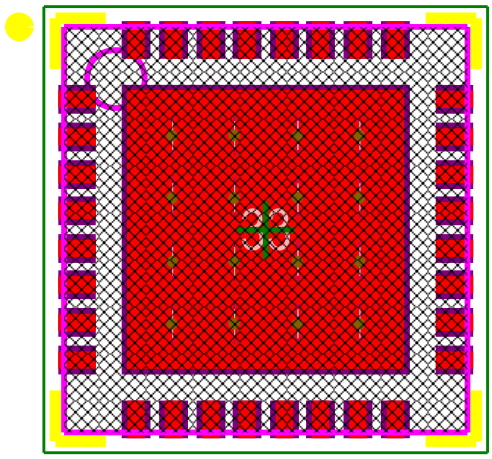
Library Reference	**SOT865-1_L**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.6x4.6mm, IPC High Density
Height	1mm
Dimension	8.525mm x 7.85mm
Number of Pads	33
Number of Primitives	70



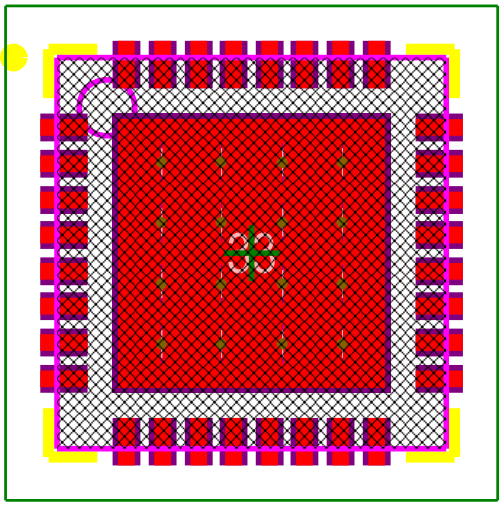
Library Reference	**SOT865-1_M**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.6x4.6mm, IPC Low Density
Height	1mm
Dimension	9.125mm x 9.05mm
Number of Pads	33
Number of Primitives	70



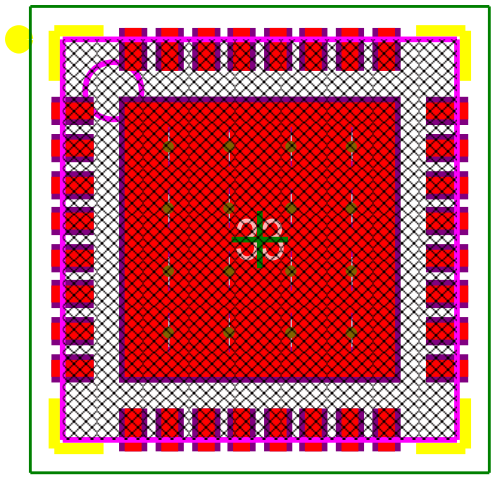
Library Reference	**SOT865-1_N**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.6x4.6mm, IPC Medium Density
Height	1mm
Dimension	8.775mm x 8.35mm
Number of Pads	33
Number of Primitives	70



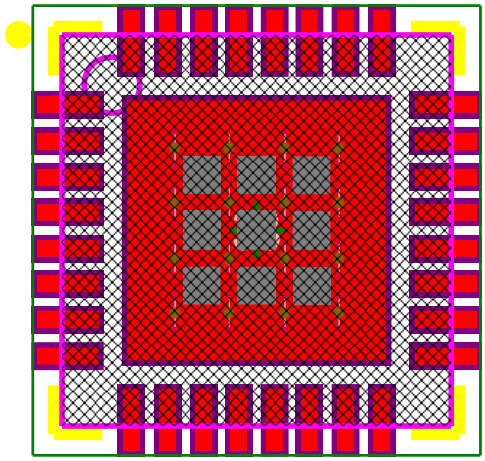
Library Reference	**SOT865-3_L**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.9x4.9mm, IPC High Density
Height	1mm
Dimension	8.525mm x 7.85mm
Number of Pads	33
Number of Primitives	70



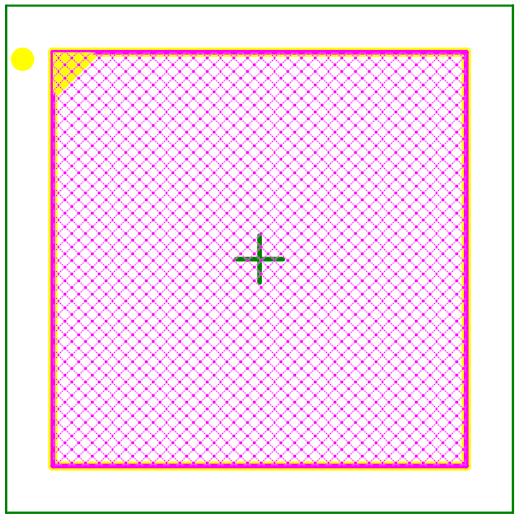
Library Reference	**SOT865-3_M**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.9x4.9mm, IPC Low Density
Height	1mm
Dimension	9.125mm x 9.05mm
Number of Pads	33
Number of Primitives	70



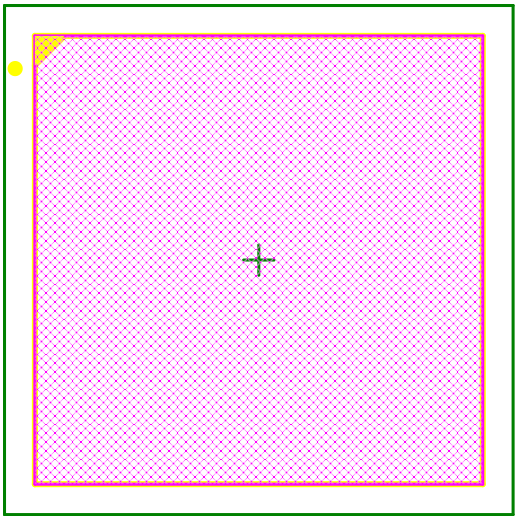
Library Reference	**SOT865-3_N**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.9x4.9mm, IPC Medium Density
Height	1mm
Dimension	8.775mm x 8.35mm
Number of Pads	33
Number of Primitives	70



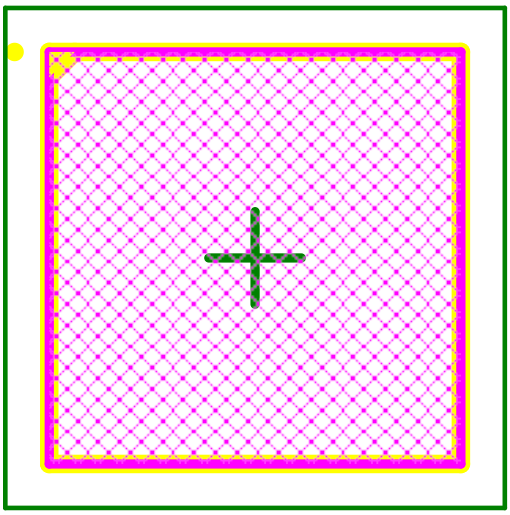
Library Reference	**SOT865-3_V**
Description	QFN, 32-Leads, Body 7x7mm, Pitch 0.65mm, Thermal Pad 4.7x4.7mm, NXP Recommended
Height	1mm
Dimension	8.725mm x 8.25mm
Number of Pads	33
Number of Primitives	79



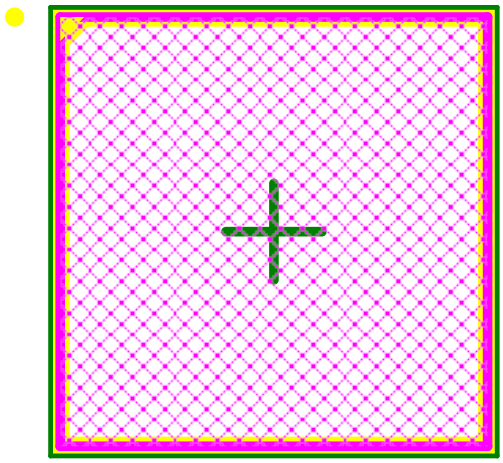
Library Reference	**SOT926-1**
Description	100-Ball Low Profile Fine-Pitch BGA, 9 x 9 mm Body, 0.8 mm Pitch
Height	1.2mm
Dimension	11.05mm x 11.05mm
Number of Pads	100
Number of Primitives	118



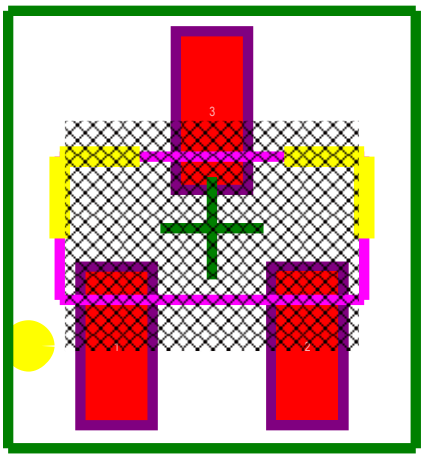
Library Reference	**SOT950-1**
Description	BGA, 208-Leads, Body 15x15mm, Pitch 0.8mm
Height	1.2mm
Dimension	17.1mm x 17.1mm
Number of Pads	208
Number of Primitives	226



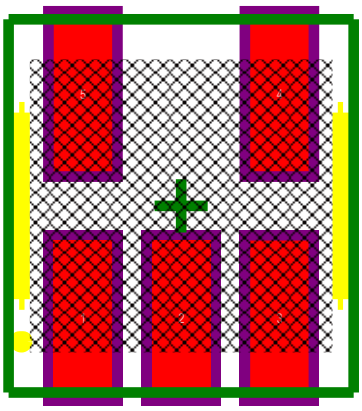
Library Reference	**SOT1155-1**
Description	BGA, 48-Leads, Body 4.5x4.5mm, Pitch 0.5mm
Height	1.1mm
Dimension	5.55mm x 5.55mm
Number of Pads	48
Number of Primitives	66



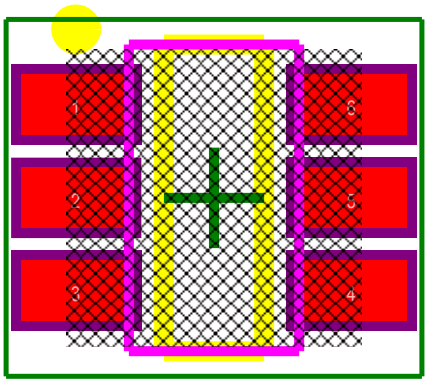
Library Reference	**SOT1155-2**
Description	BGA, 64-Leads, Body 4.5x4.5mm, Pitch 0.5mm, NXP Recommended Pads
Height	1.1mm
Dimension	5.225mm x 4.75mm
Number of Pads	48
Number of Primitives	66



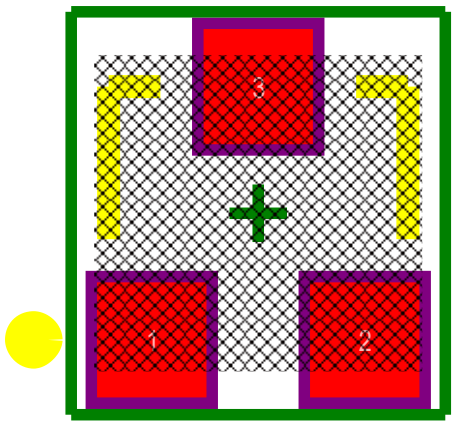
Library Reference	**SOT-23**
Description	
Height	0mm
Dimension	4.1mm x 4.443mm
Number of Pads	3
Number of Primitives	19



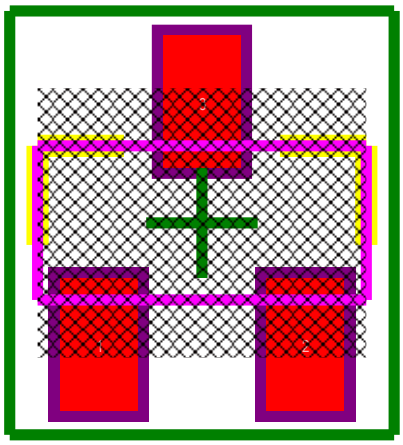
Library Reference	**SOT-23-5**
Description	SOT-23/SC-74A; 5 Leads; Body 3 x 3 mm, inc. leads (LxW max)
Height	1.45mm
Dimension	3.402mm x 3.803mm
Number of Pads	5
Number of Primitives	19



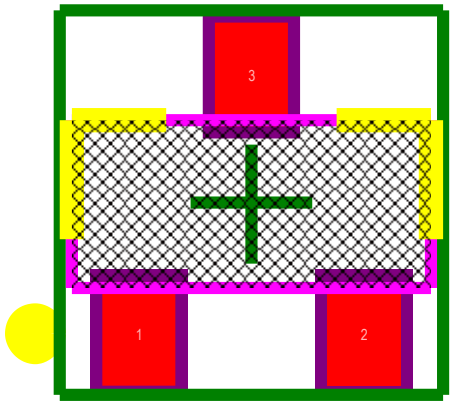
Library Reference	**SOT-23-95P-6N_H**
Description	SOT23, 6-Leads, Body 2.95x2.80mm, Pitch 0.95mm, IPC Medium Density
Height	1.45mm
Dimension	4.25mm x 3.775mm
Number of Pads	6
Number of Primitives	22



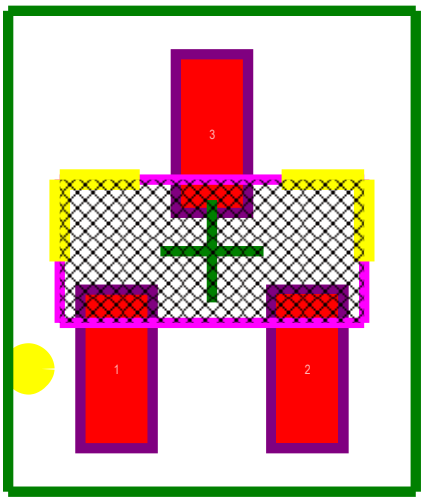
Library Reference	**SOT-23-L**
Description	
Height	0.9mm
Dimension	3.926mm x 3.656mm
Number of Pads	3
Number of Primitives	15



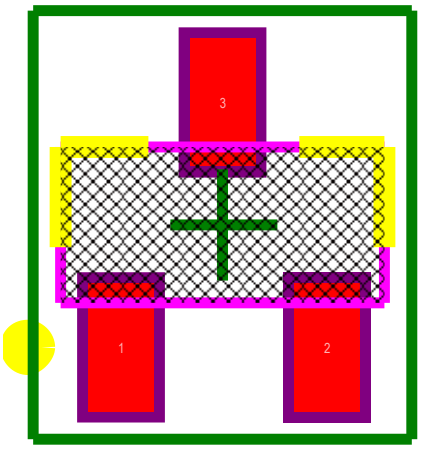
Library Reference	**SOT-23_H**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.5mm, IPC Medium Density
Height	1.1mm
Dimension	3.6mm x 4mm
Number of Pads	3
Number of Primitives	18



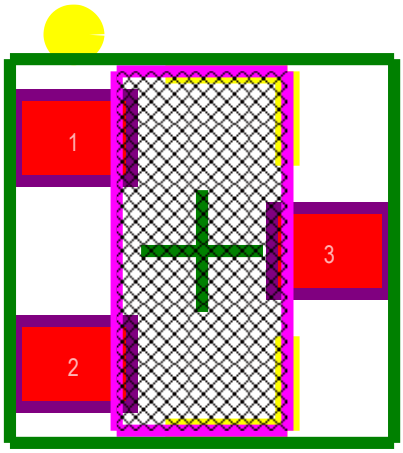
Library Reference	**SOT-23_L**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.5mm, IPC High Density
Height	1.1mm
Dimension	3.7mm x 3.3mm
Number of Pads	3
Number of Primitives	19



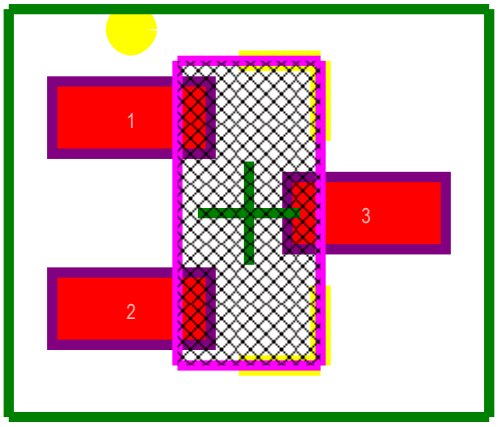
Library Reference	**SOT-23_M**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.5mm, IPC Low Density
Height	1.1mm
Dimension	4.1mm x 4.9mm
Number of Pads	3
Number of Primitives	19



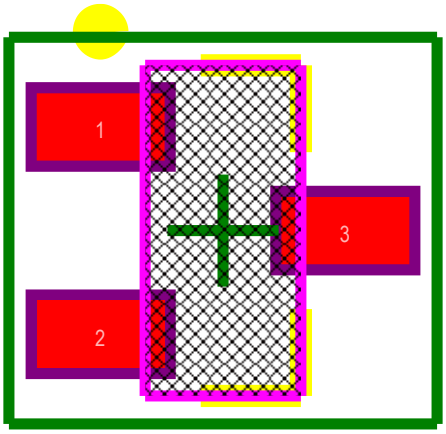
Library Reference	**SOT-23_N**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.5mm, IPC Medium Density
Height	1.1mm
Dimension	3.85mm x 4mm
Number of Pads	3
Number of Primitives	19



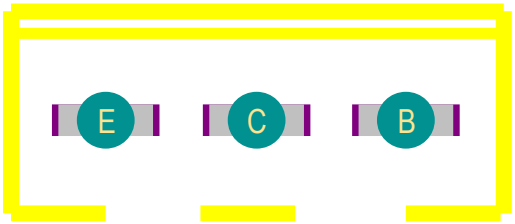
Library Reference	**SOT-23B_L**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.4mm, IPC High Density
Height	1.14mm
Dimension	3.3mm x 3.7mm
Number of Pads	3
Number of Primitives	19



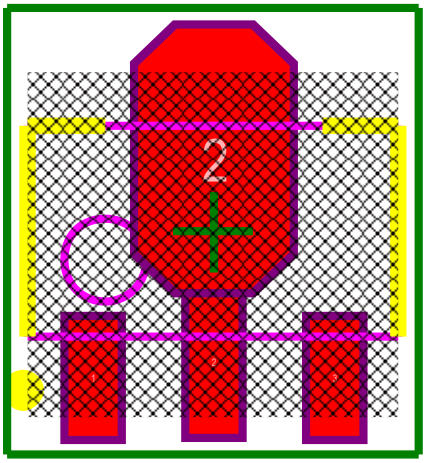
Library Reference	**SOT-23B_M**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.4mm, IPC Low Density
Height	1.14mm
Dimension	4.9mm x 4.1mm
Number of Pads	3
Number of Primitives	19



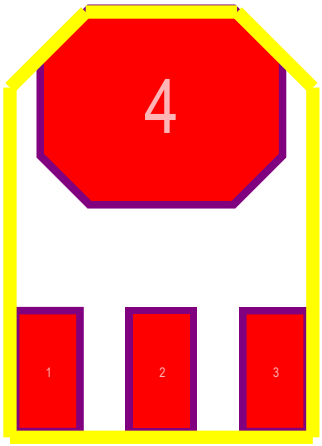
Library Reference	**SOT-23B_N**
Description	SOT23, 3-Leads, Body 2.9x1.3mm, Pitch 0.95mm, Lead Span 2.4mm, IPC Medium Density
Height	1.14mm
Dimension	4mm x 3.85mm
Number of Pads	3
Number of Primitives	19



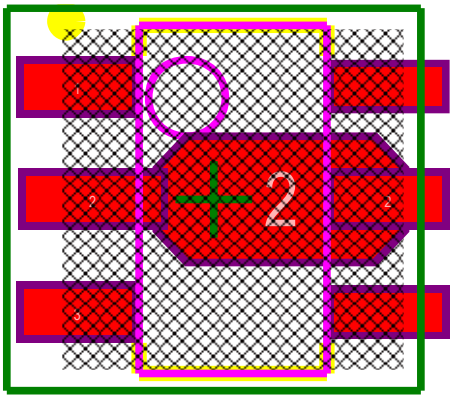
Library Reference	**SOT-32**
Description	
Height	0mm
Dimension	8.054mm x 3.504mm
Number of Pads	3
Number of Primitives	10



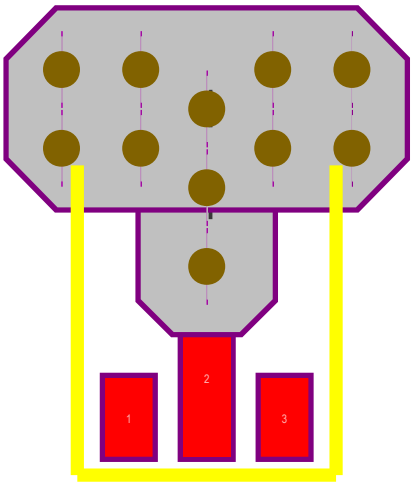
Library Reference	**SOT-89**
Description	SOT-89-3L SMT PACKAGE
Height	1.6mm
Dimension	5.2mm x 5.6mm
Number of Pads	4
Number of Primitives	21



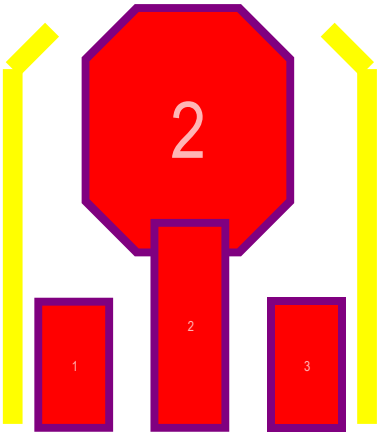
Library Reference	**SOT-89-2**
Description	
Height	0mm
Dimension	4.242mm x 5.906mm
Number of Pads	4
Number of Primitives	10



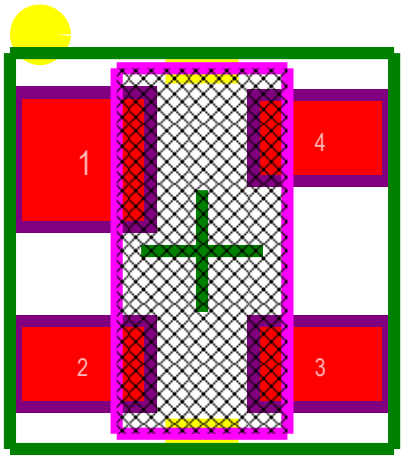
Library Reference	**SOT-89-5**
Description	SOT-89-5L SMT PACKAGE
Height	1.6mm
Dimension	5.91mm x 5.2mm
Number of Pads	7
Number of Primitives	26



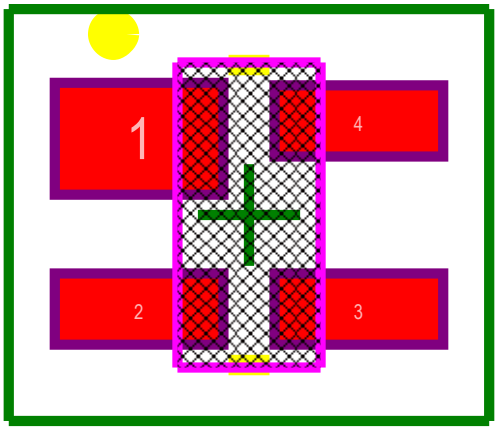
Library Reference	**SOT-89-Heatsink**
Description	
Height	0mm
Dimension	7.823mm x 9.218mm
Number of Pads	5
Number of Primitives	19



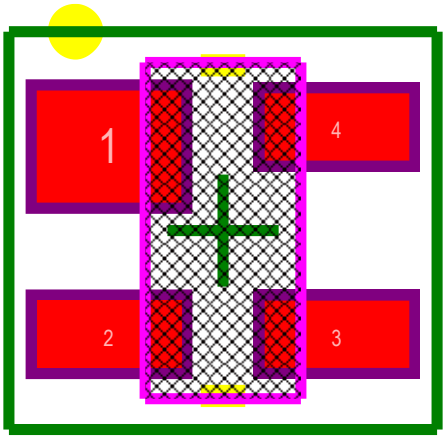
Library Reference	**SOT-89N**
Description	
Height	0mm
Dimension	4.826mm x 5.544mm
Number of Pads	4
Number of Primitives	8



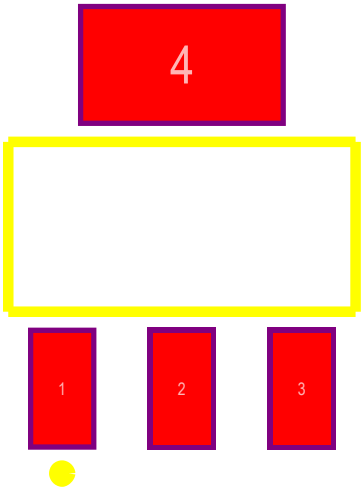
Library Reference	**SOT-143_L**
Description	SOT143, 4-Leads, Body 2.9x1.3mm, Pitch 1.9mm, Lead Span 2.5mm, IPC High Density
Height	1.1mm
Dimension	3.3mm x 3.75mm
Number of Pads	4
Number of Primitives	18



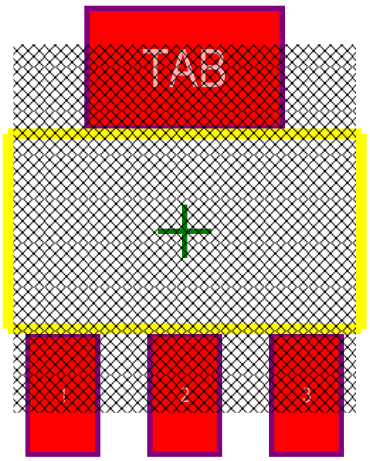
Library Reference	**SOT-143_M**
Description	SOT143, 4-Leads, Body 2.9x1.3mm, Pitch 1.9mm, Lead Span 2.5mm, IPC Low Density
Height	1.1mm
Dimension	4.9mm x 4.2mm
Number of Pads	4
Number of Primitives	18



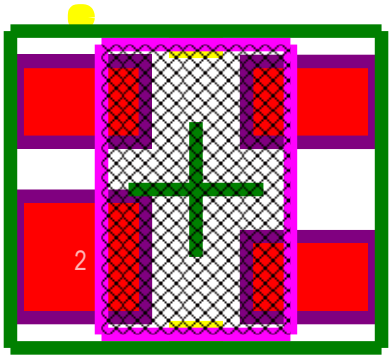
Library Reference	**SOT-143_N**
Description	SOT143, 4-Leads, Body 2.9x1.3mm, Pitch 1.9mm, Lead Span 2.5mm, IPC Medium Density
Height	1.1mm
Dimension	4mm x 3.9mm
Number of Pads	4
Number of Primitives	18



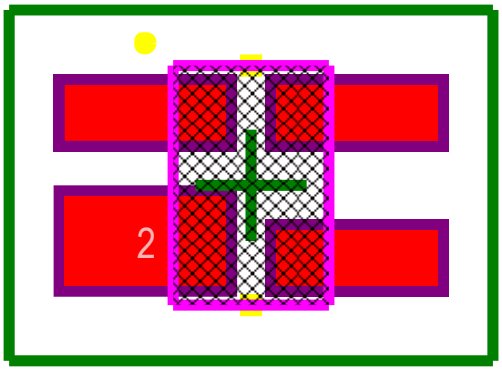
Library Reference	**sot-223**
Description	SOT-223/SC-73; 4 Leads; Body 6.7 x 7.3 mm, inc. leads (LxW max)
Height	1.8mm
Dimension	6.9mm x 9.252mm
Number of Pads	4
Number of Primitives	9



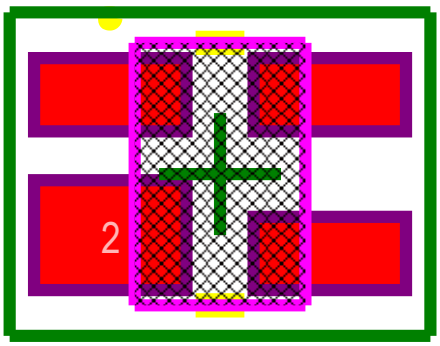
Library Reference	**SOT-223-3**
Description	
Height	1.8mm
Dimension	6.9mm x 8.603mm
Number of Pads	4
Number of Primitives	11



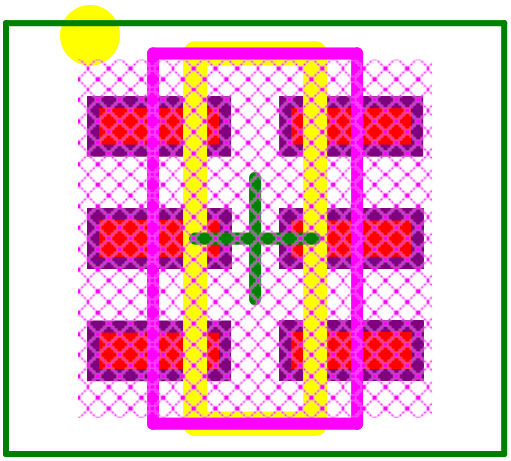
Library Reference	**SOT-343_L**
Description	SOT343, 4-Leads, Body 2x1.3 mm, Pitch 1.3mm, Lead Span 2.1mm, IPC High Density
Height	1mm
Dimension	2.9mm x 2.65mm
Number of Pads	4
Number of Primitives	18



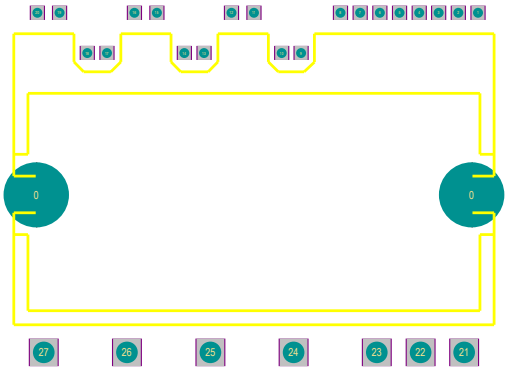
Library Reference	**SOT-343_M**
Description	SOT343, 4-Leads, Body 2x1.3 mm, Pitch 1.3mm, Lead Span 2.1mm, IPC Low Density
Height	1mm
Dimension	4.5mm x 3.3mm
Number of Pads	4
Number of Primitives	18



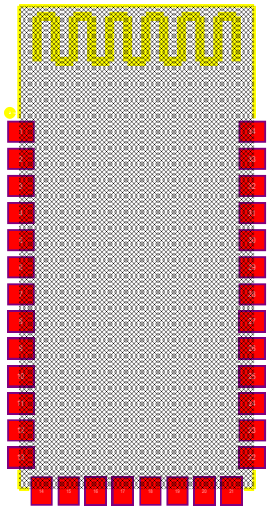
Library Reference	**SOT-343_N**
Description	SOT343, 4-Leads, Body 2x1.3 mm, Pitch 1.3mm, Lead Span 2.1mm, IPC Medium Density
Height	1mm
Dimension	3.6mm x 2.8mm
Number of Pads	4
Number of Primitives	18



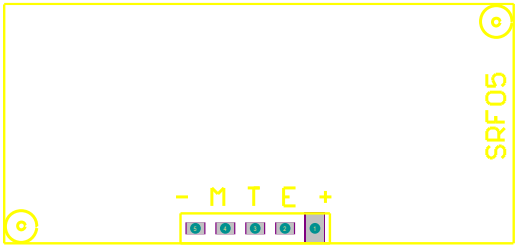
Library Reference	**SOT-666**
Description	ECOPACK
Height	0.6mm
Dimension	4.25mm x 3.775mm
Number of Pads	6
Number of Primitives	22



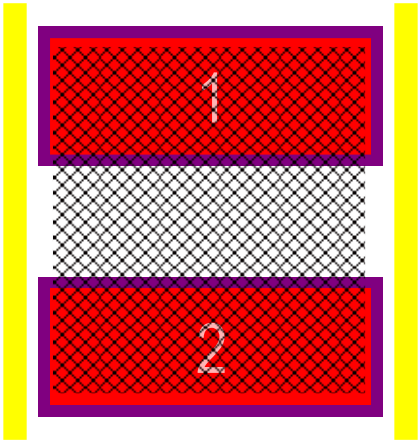
Library Reference	**SPM27**
Description	
Height	0mm
Dimension	45.878mm x 35.268mm
Number of Pads	29
Number of Primitives	69



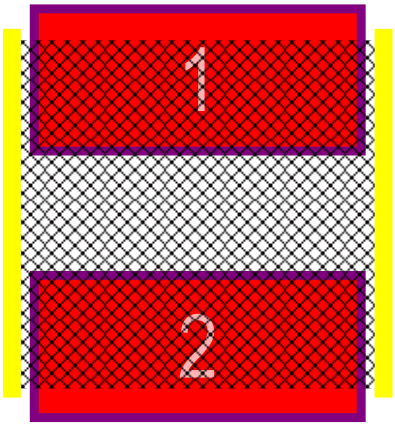
Library Reference	**SPP-C Module**
Description	Bluetooth Modules 26/7x13mm
Height	1.6mm
Dimension	14.477mm x 27.702mm
Number of Pads	34
Number of Primitives	66



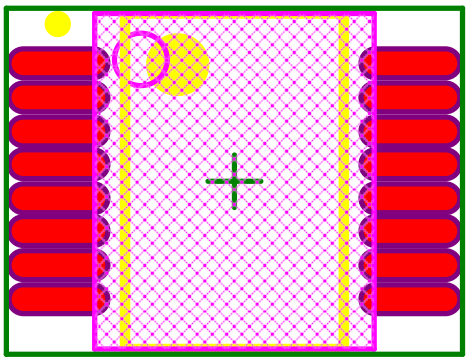
Library Reference	**SRF05**
Description	Connector; Header; 5 Position
Height	0mm
Dimension	43.507mm x 20.52mm
Number of Pads	5
Number of Primitives	19



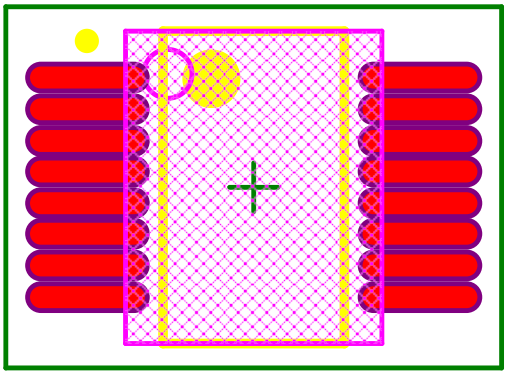
Library Reference	**SRN3015**
Description	SRN3015 Series - Semi-shielded Power Inductors
Height	2.5mm
Dimension	3.6mm x 4mm
Number of Pads	2
Number of Primitives	5



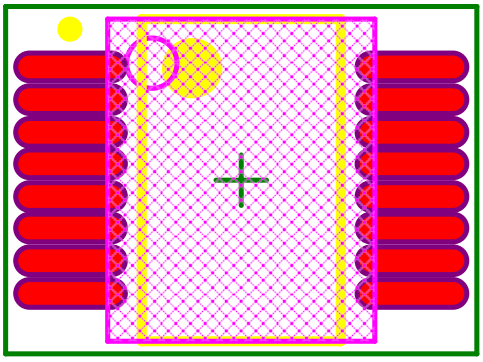
Library Reference	**SRN4026**
Description	SRN4026 Series - Semi-shielded Power Inductors
Height	2.5mm
Dimension	4.4mm x 4.753mm
Number of Pads	2
Number of Primitives	5



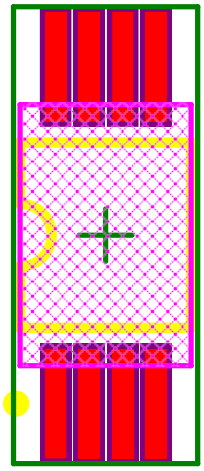
Library Reference	**SSOP16_L**
Description	SOP, 16-Leads, Body 6.2x5.3mm, Pitch 0.65mm, IPC High Density
Height	2mm
Dimension	8.9mm x 6.8mm
Number of Pads	16
Number of Primitives	34



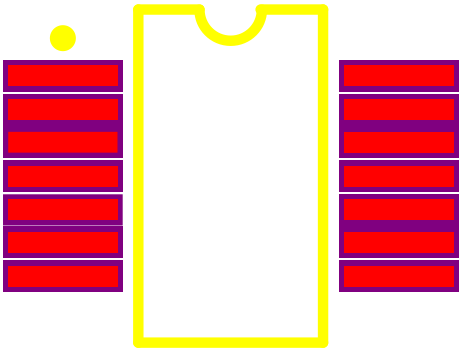
Library Reference	**SSOP16_M**
Description	SOP, 16-Leads, Body 6.2x5.3mm, Pitch 0.65mm, IPC Low Density
Height	2mm
Dimension	10.5mm x 7.6mm
Number of Pads	16
Number of Primitives	34



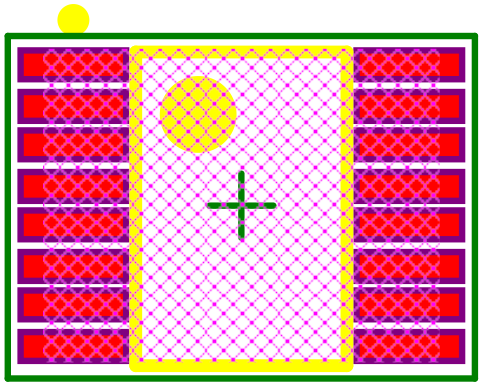
Library Reference	**SSOP16_N**
Description	SOP, 16-Leads, Body 6.2x5.3mm, Pitch 0.65mm, IPC Medium Density
Height	2mm
Dimension	9.6mm x 7.1mm
Number of Pads	16
Number of Primitives	34



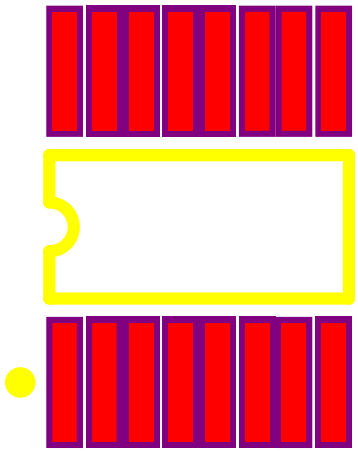
Library Reference	**SSOP-8**
Description	SSOP, Plastic; 8 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	3.803mm x 8.99mm
Number of Pads	8
Number of Primitives	26



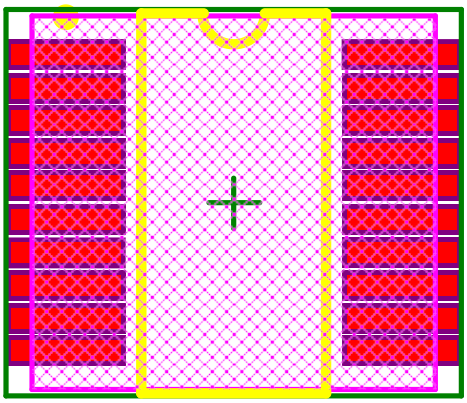
Library Reference	**SSOP-14**
Description	SSOP, Plastic; 14 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	8.903mm x 6.7mm
Number of Pads	14
Number of Primitives	21



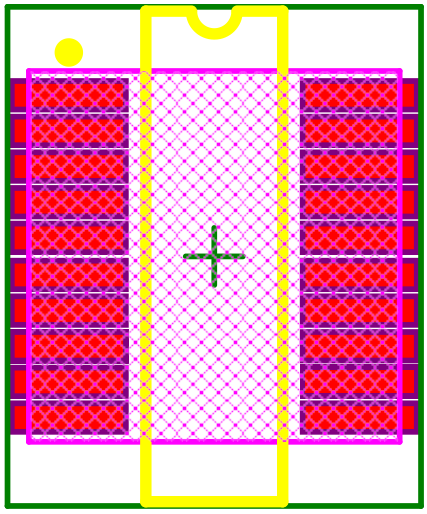
Library Reference	**SSOP-16**
Description	
Height	1.1mm
Dimension	7.51mm x 5.983mm
Number of Pads	16
Number of Primitives	29



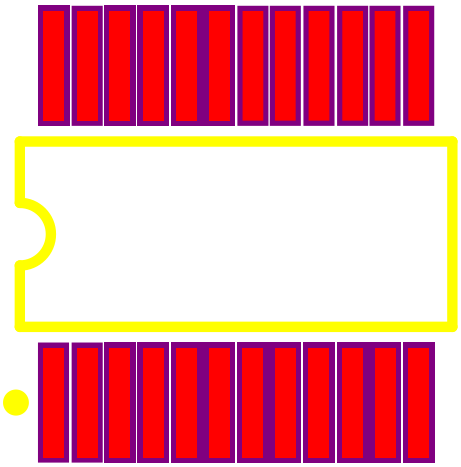
Library Reference	**SSOP-16Q**
Description	SSOP; 16 Leads; Body Width 3.9 mm; Pitch 0.635 mm
Height	1.76mm
Dimension	5.823mm x 7.403mm
Number of Pads	16
Number of Primitives	23



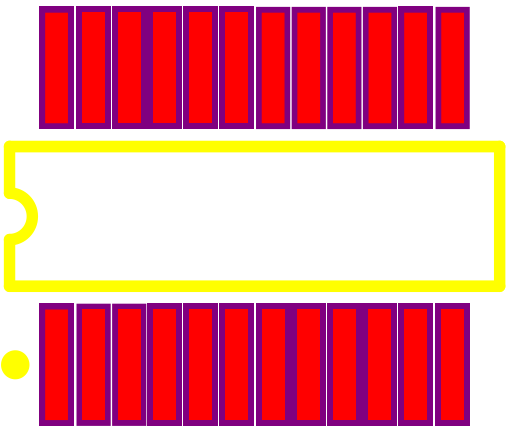
Library Reference	**SSOP-20**
Description	SSOP, Plastic; 20 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	8.99mm x 7.785mm
Number of Pads	20
Number of Primitives	38



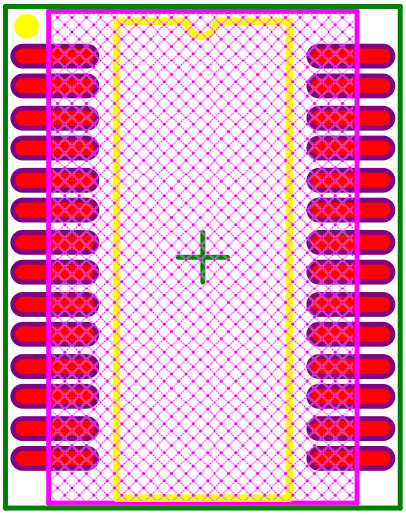
Library Reference	**SSOP-20Q**
Description	SSOP; 20 Leads; Body Width 3.9 mm; Pitch 0.64 mm
Height	1.75mm
Dimension	7.466mm x 8.99mm
Number of Pads	20
Number of Primitives	38



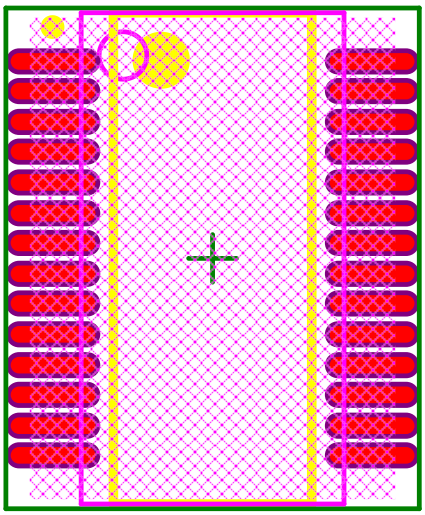
Library Reference	**SSOP-24**
Description	SSOP, Plastic; 24 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	8.925mm x 8.903mm
Number of Pads	24
Number of Primitives	31



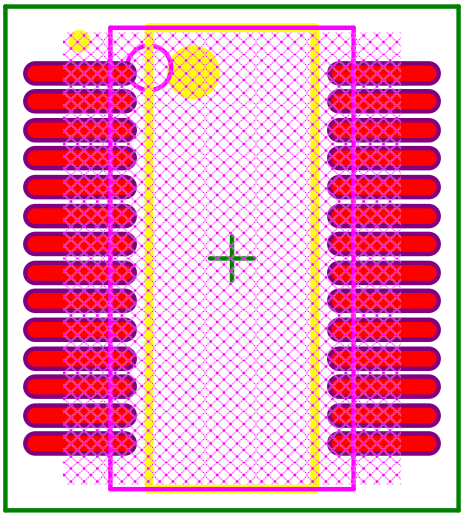
Library Reference	**SSOP-24Q**
Description	SSOP; 24 Leads; Body Width 3.9 mm; Pitch 0.64 mm
Height	1.75mm
Dimension	8.995mm x 7.353mm
Number of Pads	24
Number of Primitives	31



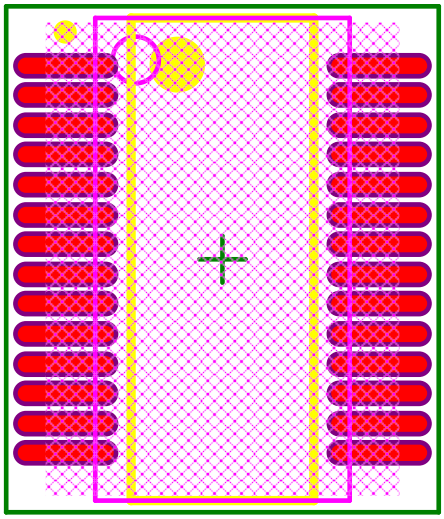
Library Reference	**SSOP-28**
Description	SSOP, Plastic; 28 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	8.228mm x 10.387mm
Number of Pads	28
Number of Primitives	46



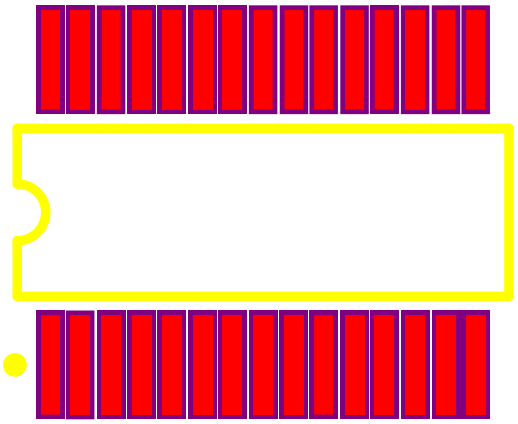
Library Reference	**SSOP-28_L**
Description	SOP, 28-Leads, Body 10.2x5.3mm, Pitch 0.65mm, IPC High Density
Height	2mm
Dimension	8.9mm x 10.8mm
Number of Pads	28
Number of Primitives	46



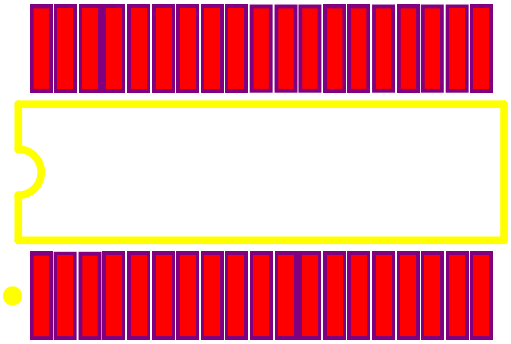
Library Reference	**SSOP-28_M**
Description	SOP, 28-Leads, Body 10.2x5.3mm, Pitch 0.65mm, IPC Low Density
Height	2mm
Dimension	10.5mm x 11.6mm
Number of Pads	28
Number of Primitives	46



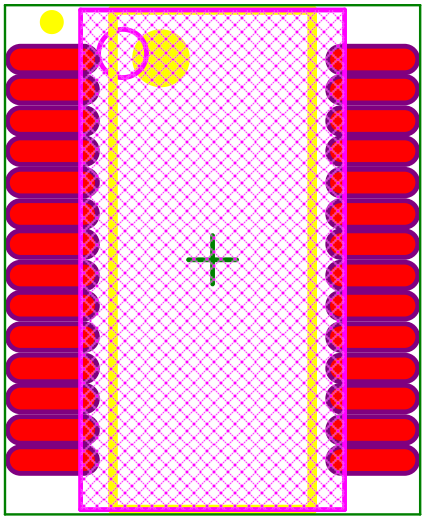
Library Reference	**SSOP-28_N**
Description	SOP, 28-Leads, Body 10.2x5.3mm, Pitch 0.65mm, IPC Medium Density
Height	2mm
Dimension	9.6mm x 11.1mm
Number of Pads	28
Number of Primitives	46



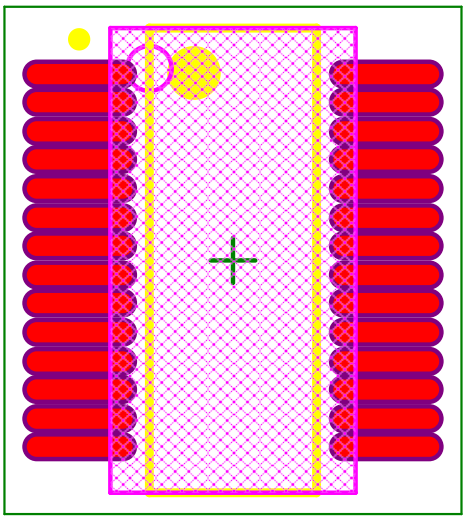
Library Reference	**SSOP-30**
Description	SSOP, Plastic; 30 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	10.9mm x 8.903mm
Number of Pads	30
Number of Primitives	37



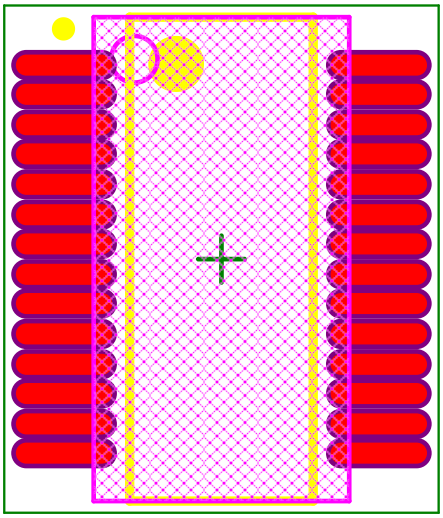
Library Reference	**SSOP-38**
Description	SSOP, Plastic; 38 Leads; Body Width 5.3 mm; Pitch 0.65 mm
Height	2mm
Dimension	13.4mm x 8.903mm
Number of Pads	38
Number of Primitives	45



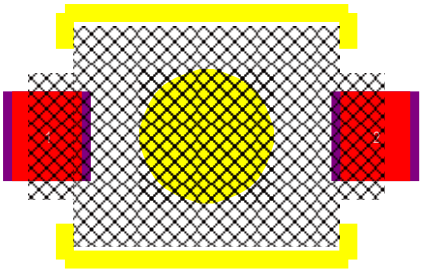
Library Reference	**SSOP-SS28_L**
Description	SOP, 28-Leads, Body 10.2x5.2mm, Pitch 0.65mm, IPC High Density
Height	2mm
Dimension	8.85mm x 10.75mm
Number of Pads	28
Number of Primitives	46



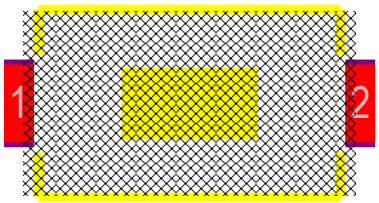
Library Reference	**SSOP-SS28_M**
Description	SOP, 28-Leads, Body 10.2x5.2mm, Pitch 0.65mm, IPC Low Density
Height	2mm
Dimension	10.45mm x 11.55mm
Number of Pads	28
Number of Primitives	46



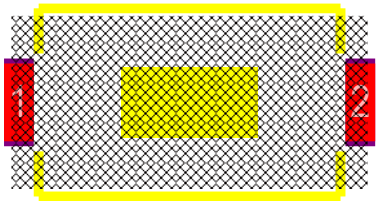
Library Reference	**SSOP-SS28_N**
Description	SOP, 28-Leads, Body 10.2x5.2mm, Pitch 0.65mm, IPC Medium Density
Height	2mm
Dimension	9.55mm x 11.05mm
Number of Pads	28
Number of Primitives	46



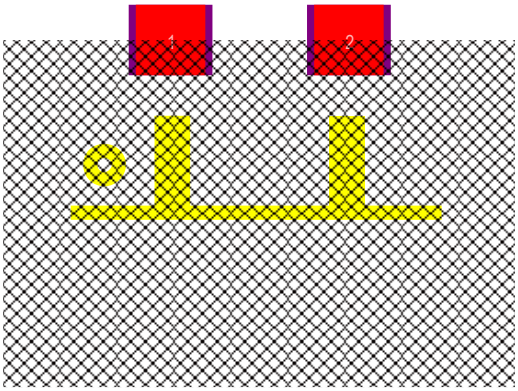
Library Reference	**SW_PB_SMD_2PIN_SPST_3X2X1**
Description	SWITCH, PUSHBUTTON, SMD, SPST, 3X2.5mm
Height	1.2mm
Dimension	4.7mm x 3mm
Number of Pads	2
Number of Primitives	13



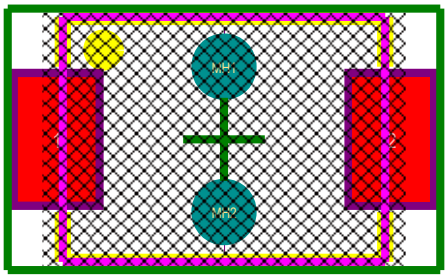
Library Reference	**SW_PB_SMD_2PIN_SPST_6X3X2**
Description	SWITCH, PUSHBUTTON, SMD, SPST, 6X3.5X2.5mm, RS-282G05A3, SKQYPA, 50000 Cycles
Height	5mm
Dimension	9.4mm x 4mm
Number of Pads	2
Number of Primitives	10



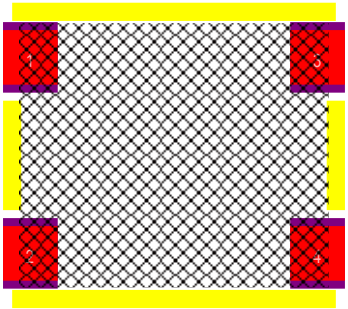
Library Reference	**SW_PB_SMD_2PIN_SPST_6X3X5**
Description	SWITCH, PUSHBUTTON, SMD, SPST, 6X3.5mm, SKQMBBE010, 50000 Cycles, 1.57N Force
Height	5mm
Dimension	9.4mm x 4mm
Number of Pads	2
Number of Primitives	10



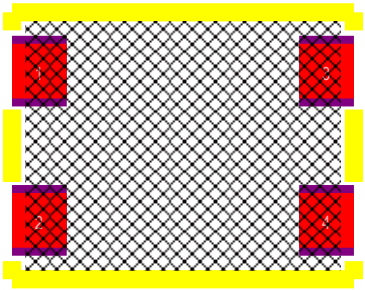
Library Reference	**SW_PB_SMD_2PIN_SPST_6X3X5_R**
Description	SWITCH, PUSHBUTTON, SMD, SPST, RIGHT
Height	0mm
Dimension	7.299mm x 6.1mm
Number of Pads	2
Number of Primitives	7



Library Reference	**SW_PB_SMD_2PIN_SPST_PTS820**
Description	SMT Tactile Switch PTS 820 Series
Height	2mm
Dimension	5.5mm x 3.3mm
Number of Pads	4
Number of Primitives	22

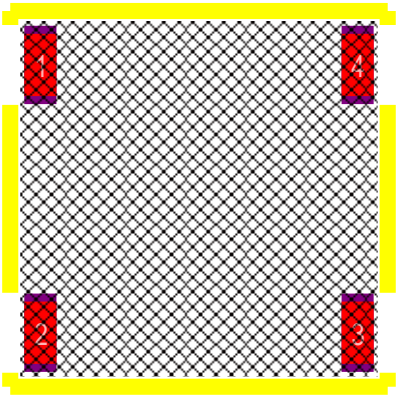


Library Reference	**SW_PB_SMD_4PIN_SPDT_3X3**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 3.3x2.9 mm, SKSH Series; Height 0.38mm ; 200,000 cycles ; 1.6N Force, SKSHAAE010
Height	0.379mm
Dimension	4.6mm x 3.4mm
Number of Pads	4
Number of Primitives	9

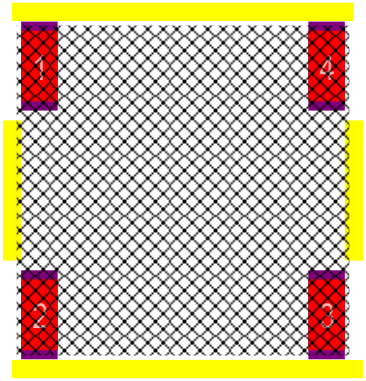


Library Reference	**SW_PB_SMD_4PIN_SPDT_3X3X1**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 3.0x2.7mm, SKSG Series; Height 1.4 mm; 200,000 cycles; 4N force, SKSGAAE010
Height	1.4mm
Dimension	4.6mm x 3.2mm
Number of Pads	4

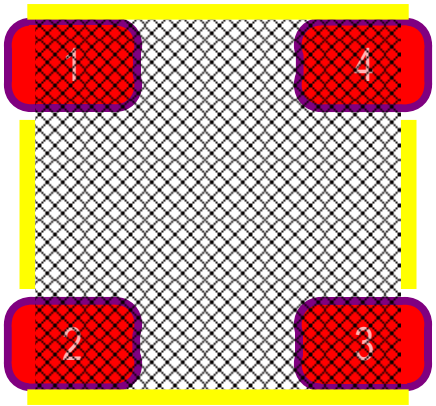
Number of Primitives	13



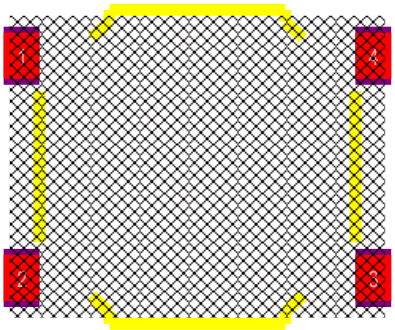
Library Reference	**SW_PB_SMD_4PIN_SPDT_4X4SKRM**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, SKRM Series ; Height 0.4 mm ; 500,000 cycles ; 1.57N Force, SKRMAAE010
Height	0.4mm
Dimension	5.4mm x 5mm
Number of Pads	4
Number of Primitives	13



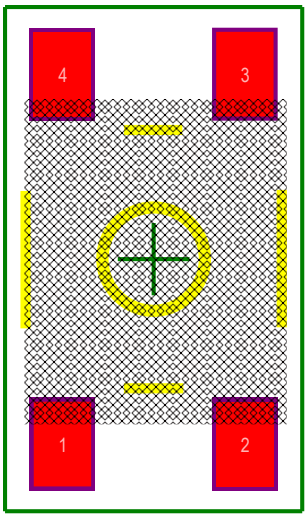
Library Reference	**SW_PB_SMD_4PIN_SPDT_4X4SKRW**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, SKRW Series ; Height 0.35 mm ; 500,000 cycles ; 1.57N Force, SKRWAEE030
Height	0.35mm
Dimension	4.6mm x 4.2mm
Number of Pads	4
Number of Primitives	9



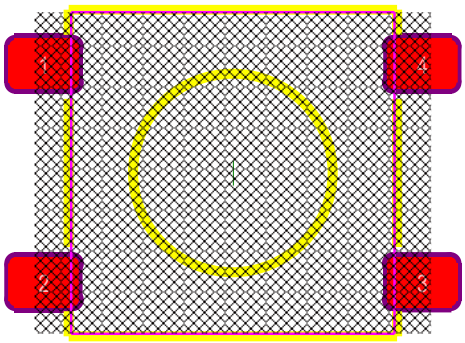
Library Reference	**SW_PB_SMD_4PIN_SPDT_5X5_SKRB**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, SKRB Series ; Height 0.55 mm ; 2,000,000 cycles ; 1.1N Force, SKRBAGE010
Height	0.55mm
Dimension	5.6mm x 5.2mm
Number of Pads	4
Number of Primitives	9



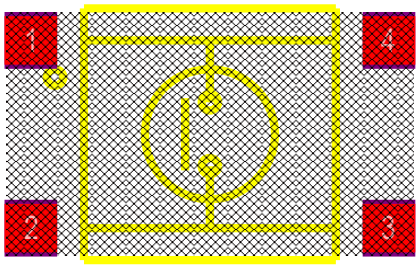
Library Reference	**SW_PB_SMD_4PIN_SPDT_5X5X1**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, SKQG Series ; Height 1.5 mm ; 500,000 cycles ; 0.98N Force, SKQGAFE010
Height	1.5mm
Dimension	7.6mm x 5.6mm
Number of Pads	4
Number of Primitives	17



Library Reference	**SW_PB_SMD_4PIN_SPDT_6x6**
Description	Miniature Push Button Switch,B3F Series;body 6 x 6mm, 4-Leads
Height	5.4mm
Dimension	7.466mm x 12.5mm
Number of Pads	4
Number of Primitives	18

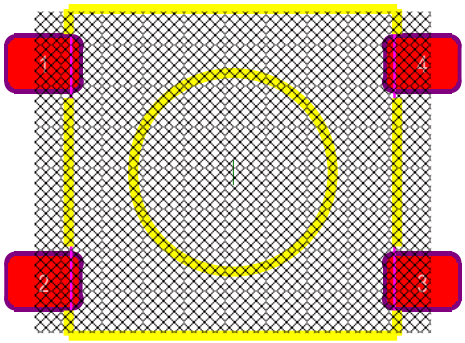


Library Reference	**SW_PB_SMD_4PIN_SPDT_6X6X4**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 6.5x6.5mm, 4.3mm, TS-1143S
Height	4.3mm
Dimension	9.2mm x 6.8mm
Number of Pads	5
Number of Primitives	19

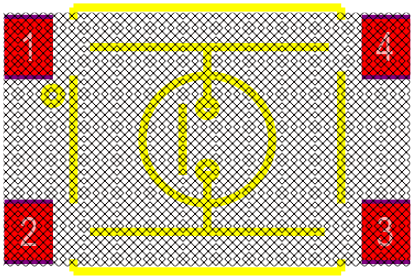


Library Reference	**SW_PB_SMD_4PIN_SPDT_6X6X5**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 6X6mm 4PIN
Height	5mm
Dimension	11.5mm x 6.4mm
Number of Pads	4

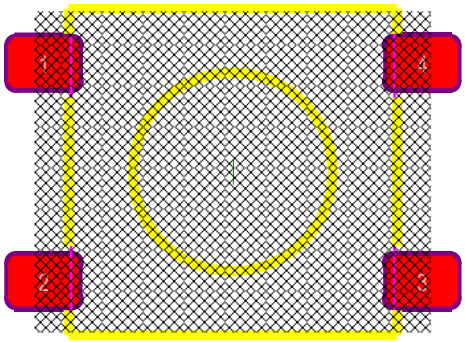
Number of Primitives	18



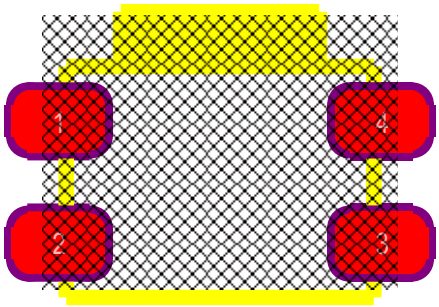
Library Reference	**SW_PB_SMD_4PIN_SPDT_6X6X5TS**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 6.5x6.5mm, 5.0mm, TS-1150S
Height	5mm
Dimension	9.2mm x 6.8mm
Number of Pads	5
Number of Primitives	19



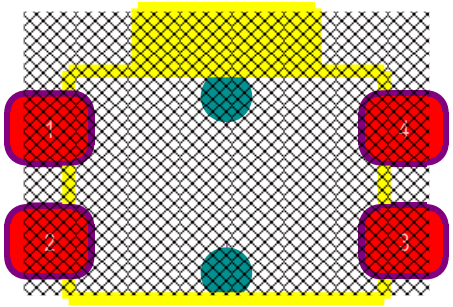
Library Reference	**SW_PB_SMD_4PIN_SPDT_6X6X7**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 6.2x6.2x7.3mm, TACTDQ62
Height	7mm
Dimension	11.6mm x 6.8mm
Number of Pads	4
Number of Primitives	22



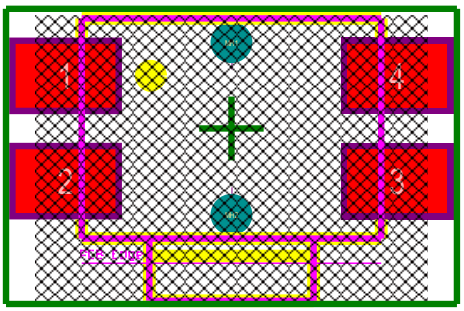
Library Reference	**SW_PB_SMD_4PIN_SPDT_6X6X7TS**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, 7.0mm, TS-1170S
Height	7mm
Dimension	9.2mm x 6.8mm
Number of Pads	5
Number of Primitives	19



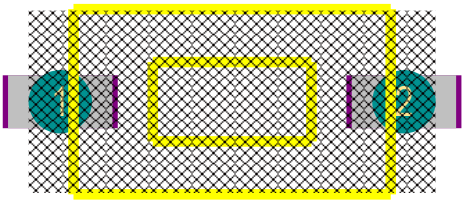
Library Reference	**SW_PB_SMD_4PIN_SPDT_R_KMS**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, RIGHT
Height	0mm
Dimension	5.6mm x 3.9mm
Number of Pads	4
Number of Primitives	17



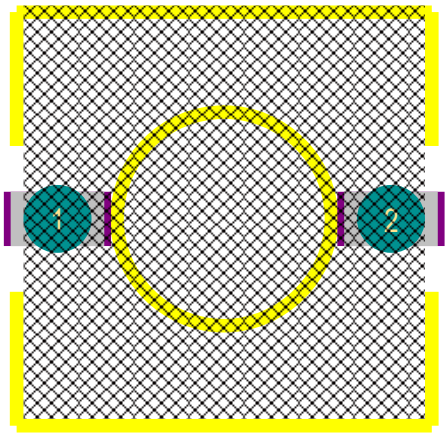
Library Reference	**SW_PB_SMD_4PIN_SPDT_R_WE**
Description	SWITCH, PUSHBUTTON, SMD, SPDT, RIGHT
Height	0mm
Dimension	7mm x 4.802mm
Number of Pads	6
Number of Primitives	19



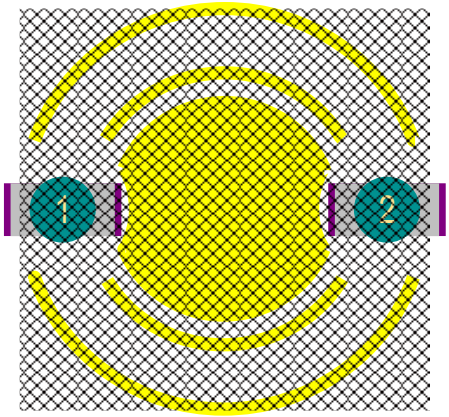
Library Reference	**SW_PB_SMD_4PIN_SPDT_TS015TS**
Description	SMT Switch TS-015
Height	1.4mm
Dimension	7.212mm x 4.805mm
Number of Pads	6
Number of Primitives	33



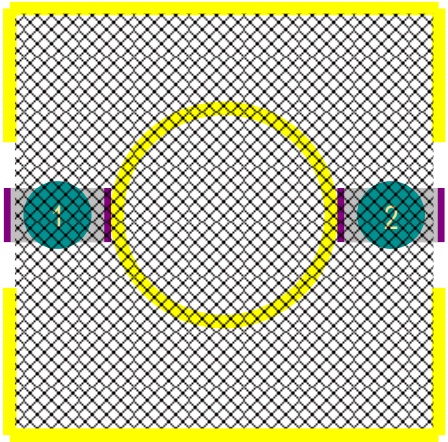
Library Reference	**SW_PB_THT_2PIN_SPST_6X3X5**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X3.5mm
Height	0mm
Dimension	8.8mm x 3.756mm
Number of Pads	2
Number of Primitives	11



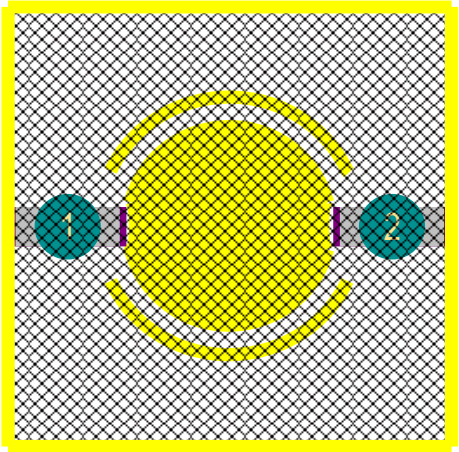
Library Reference	**SW_PB_THT_2PIN_SPST_6X6X4**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6mm
Height	4mm
Dimension	6.6mm x 6.4mm
Number of Pads	2
Number of Primitives	10



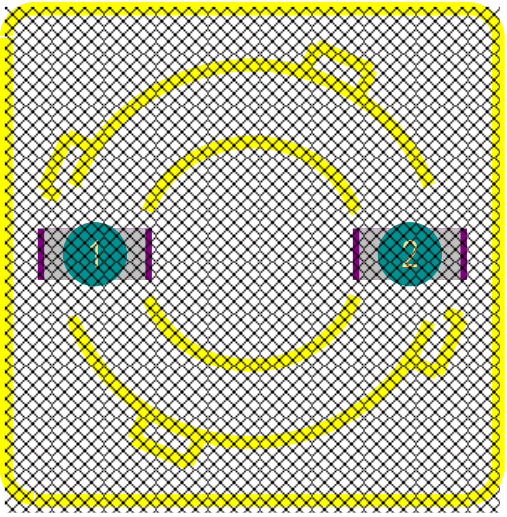
Library Reference	**SW_PB_THT_2PIN_SPST_6X6X4C**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6X4.3mm
Height	4.3mm
Dimension	6.8mm x 6.397mm
Number of Pads	2
Number of Primitives	12



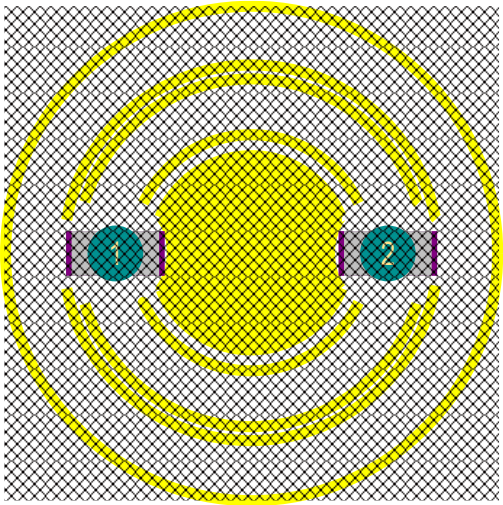
Library Reference	**SW_PB_THT_2PIN_SPST_6X6X5**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6X5mm
Height	0mm
Dimension	6.6mm x 6.6mm
Number of Pads	2
Number of Primitives	10



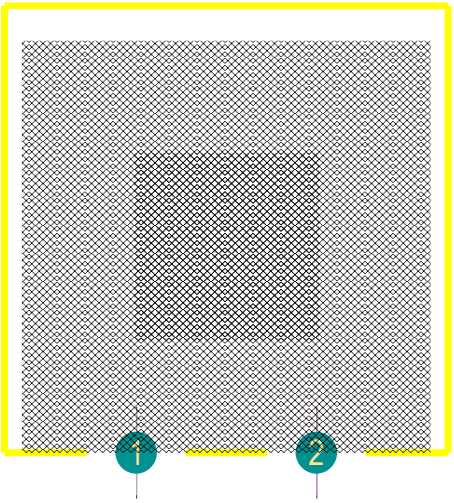
Library Reference	**SW_PB_THT_2PIN_SPST_6X6X10**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6X9.5 mm
Height	9.5mm
Dimension	7mm x 7mm
Number of Pads	2
Number of Primitives	14



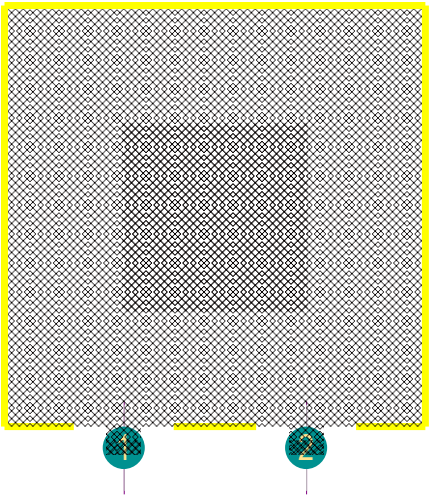
Library Reference	**SW_PB_THT_2PIN_SPST_8X8**
Description	SWITCH, PUSHBUTTON, THD, SPST, 8X8X5.5mm
Height	5.5mm
Dimension	7.975mm x 8.088mm
Number of Pads	2
Number of Primitives	29



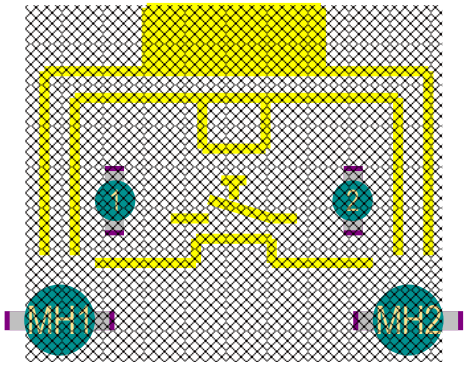
Library Reference	**SW_PB_THT_2PIN_SPST_9X9X13**
Description	SWITCH, PUSHBUTTON, THD, SPST, 9X9X13 mm
Height	13mm
Dimension	9.2mm x 9.2mm
Number of Pads	2
Number of Primitives	15



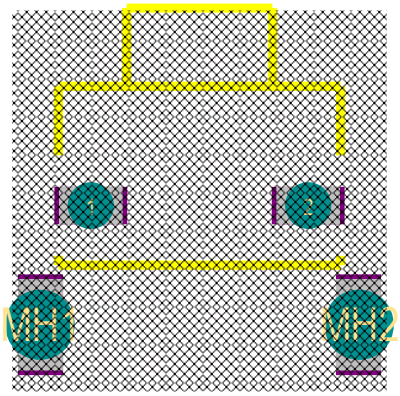
Library Reference	**SW_PB_THT_2PIN_SPST_12X12**
Description	SWITCH, PUSHBUTTON, THD, SPST, 12x12x9.1mm
Height	9mm
Dimension	13.2mm x 14.45mm
Number of Pads	2
Number of Primitives	10



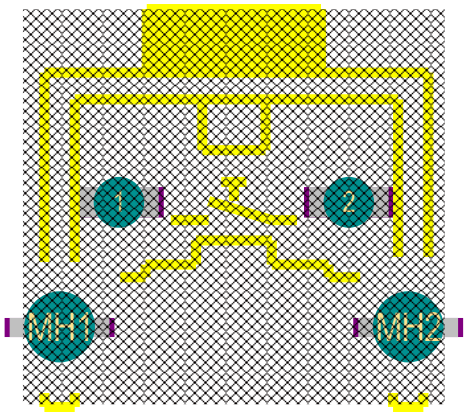
Library Reference	**SW_PB_THT_2PIN_SPST_R_12X12**
Description	SWITCH, PUSHBUTTON, THD, SPST, 12x12x9.1mm
Height	9mm
Dimension	12.4mm x 14.15mm
Number of Pads	2
Number of Primitives	14



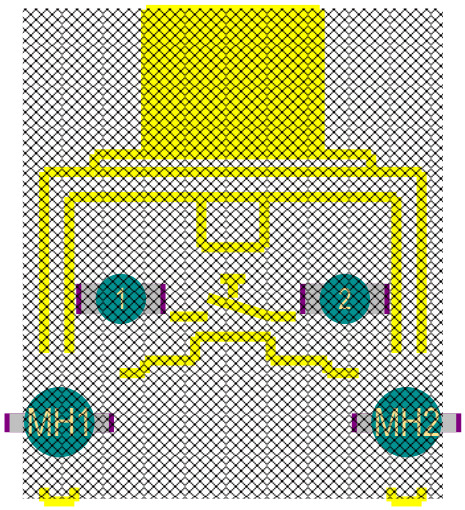
Library Reference	**SW_PB_THT_2PIN_SUB_SPST_R_6X3**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X3mm;
Height	7.4mm
Dimension	9.2mm x 7.65mm
Number of Pads	4
Number of Primitives	31



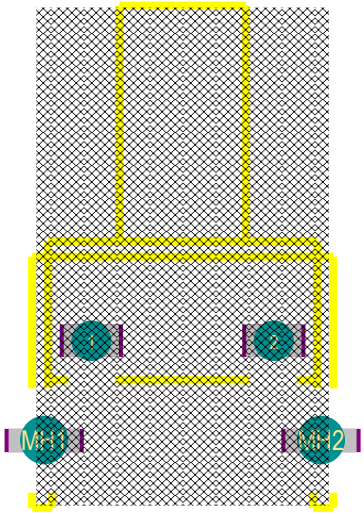
Library Reference	**SW_PB_THT_2PIN_SUB_SPST_R_6X6**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6mm, RIGHT ANGLE, FSMRA2JH, FSMRA3JH, SKHHLQA010
Height	0mm
Dimension	10.2mm x 8.45mm
Number of Pads	4
Number of Primitives	14



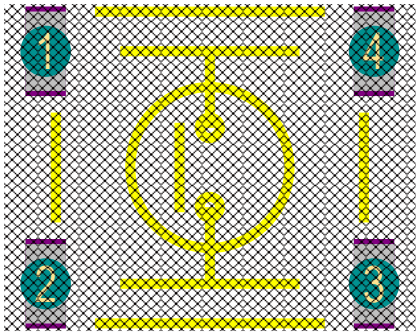
Library Reference	**SW_PB_THT_2PIN_SUB_SPST_R_6X6X4**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6X3.85 mm; 1,000,000 cycles ; 0.98N Force, SKHHLMA010
Height	7.4mm
Dimension	9.2mm x 8.15mm
Number of Pads	4
Number of Primitives	41



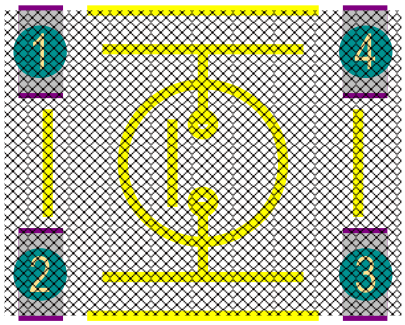
Library Reference	**SW_PB_THT_2PIN_SUB_SPST_R_6X6X6**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6X5.85mm; 1,000,000 cycles ; 0.98N Force, SKHHLUA010
Height	7.4mm
Dimension	9.2mm x 10.142mm
Number of Pads	4
Number of Primitives	47



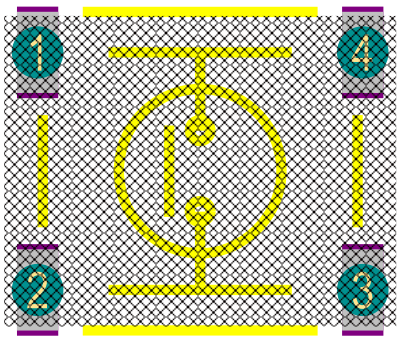
Library Reference	**SW_PB_THT_2PIN_SUB_SPST_R_6X6X10**
Description	SWITCH, PUSHBUTTON, THD, SPST, 6X6mm, RIGHT ANGLE
Height	4mm
Dimension	9mm x 12.8mm
Number of Pads	4
Number of Primitives	25



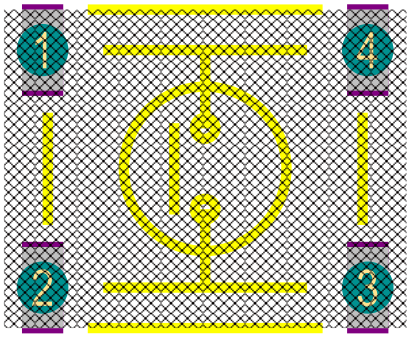
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X4**
Description	SWITCH, PUSHBUTTON, THD, SPDT, TS-1143
Height	4.318mm
Dimension	9.2mm x 6.5mm
Number of Pads	4
Number of Primitives	17



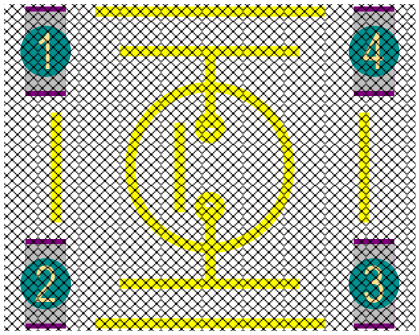
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X4SKHH**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6X4.3 mm Height ; 1,000,000 cycles ; 0.98N Force, SKHHAJA010
Height	4.3mm
Dimension	9.24mm x 6.4mm
Number of Pads	4
Number of Primitives	17



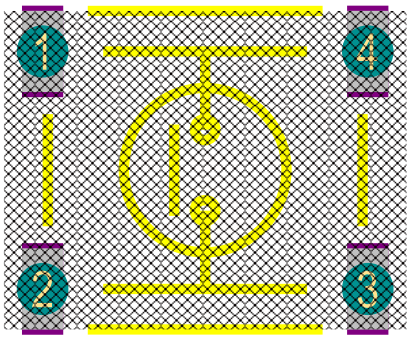
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X5**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6mm
Height	0mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



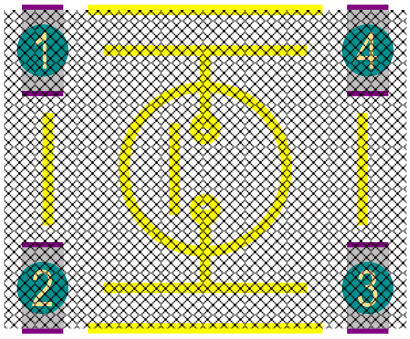
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X5SKHH**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6X5.0 mm Height ; 1,000,000 cycles ; 0.98N Force, SKHHAKA010
Height	5mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



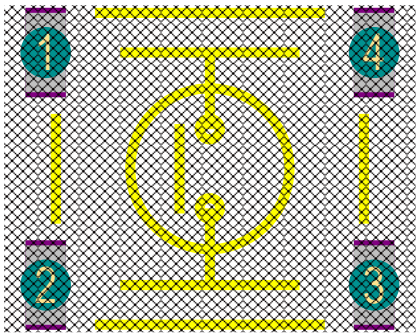
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X5TS**
Description	SWITCH, PUSHBUTTON, THD, SPDT, TS-1150
Height	5.18mm
Dimension	9.2mm x 6.5mm
Number of Pads	4
Number of Primitives	17



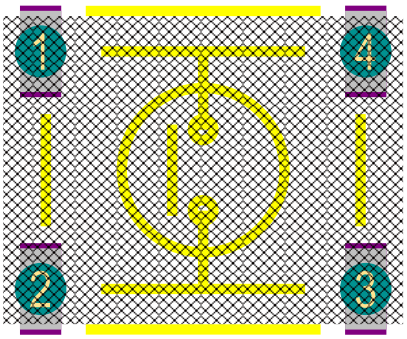
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X7**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6X7.0 mm Height ; 1,000,000 cycles ; 0.98N Force, SKHHBVA010
Height	7mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



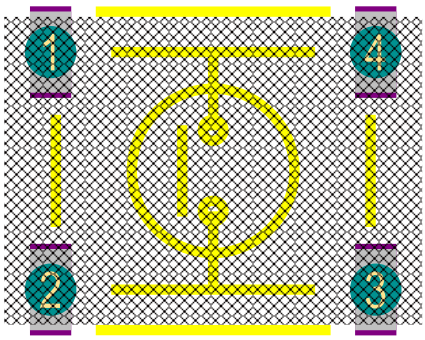
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X7J**
Description	SWITCH, PUSHBUTTON, THD, SPDT, Joint Stem type; 7.3 mm Height ; 1,000,000 cycles ; 0.98N Force, SKHHCWA010
Height	7.3mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



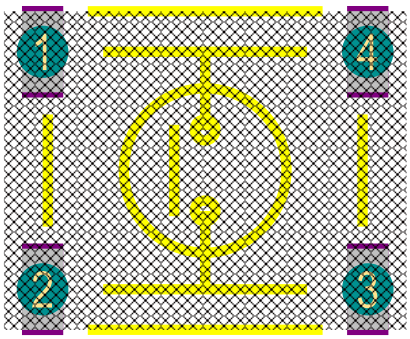
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X7TS**
Description	SWITCH, PUSHBUTTON, THD, SPDT, TS-1170
Height	6.985mm
Dimension	9.2mm x 6.5mm
Number of Pads	4
Number of Primitives	17



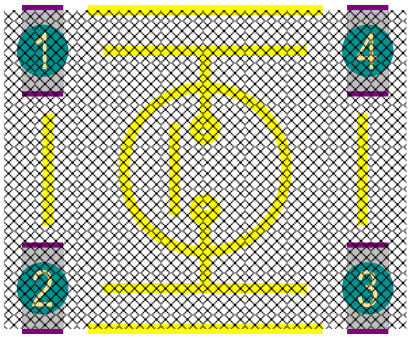
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X8TL**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 8.0mm, TL-1105-C
Height	8mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



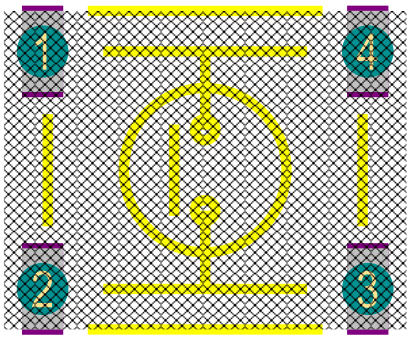
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X10**
Description	SWITCH, PUSHBUTTON, THD, SPDT,
Height	0mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



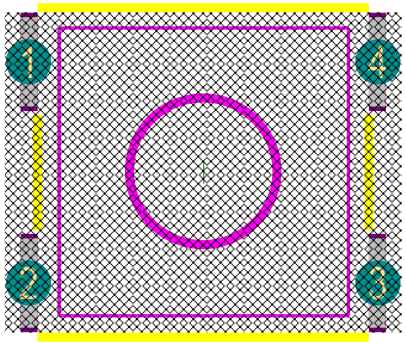
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X10SKHH**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6X9.5 mm Height ; 1,000,000 cycles ; 0.98N Force, SKHHANA010
Height	9.5mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



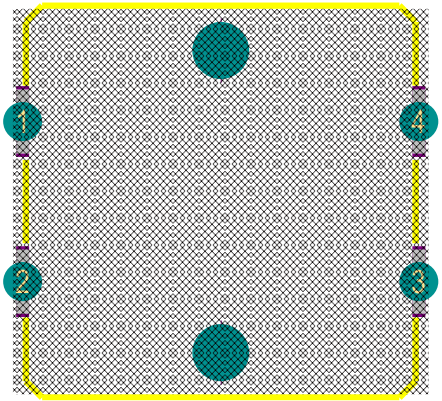
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X13SKHH**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6X13.0 mm Height; 1,000,000 cycles ; 0.98N Force, SKHHDTA010
Height	13mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



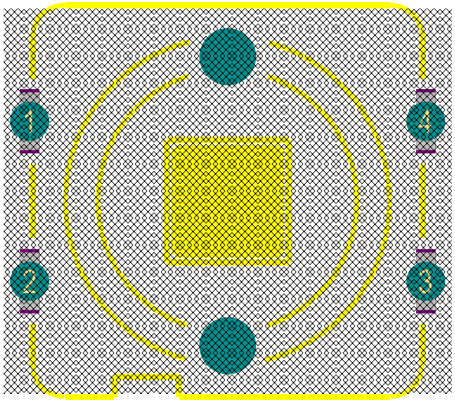
Library Reference	**SW_PB_THT_4PIN_SPDT_6X6X17SKHH**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 6X6X17.0 mm Height ; 500,000 cycles ; 0.98N Force, SKHHDHA010
Height	17mm
Dimension	9mm x 6.4mm
Number of Pads	4
Number of Primitives	17



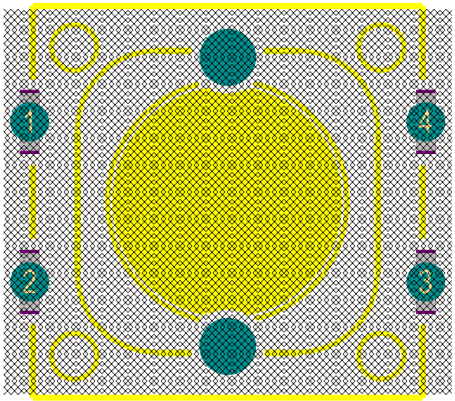
Library Reference	**SW_PB_THT_4PIN_SPDT_7X7X5**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 7.2X7.2mm, TC-37XB
Height	5mm
Dimension	10.4mm x 7.6mm
Number of Pads	5
Number of Primitives	16



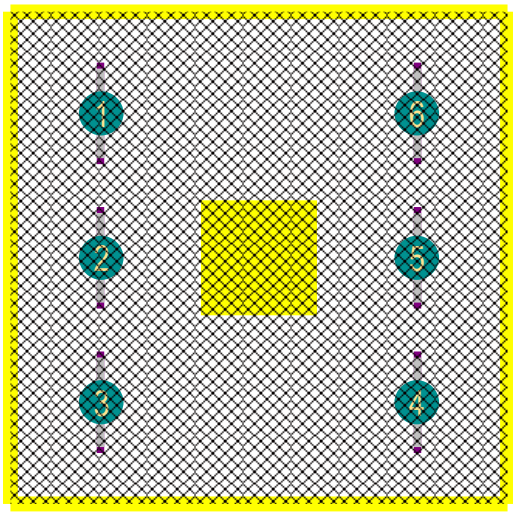
Library Reference	**SW_PB_THT_4PIN_SPDT_10X10X7**
Description	SWITCH, PUSHBUTTON, THD, SPDT,
Height	0mm
Dimension	15mm x 12.4mm
Number of Pads	6
Number of Primitives	19



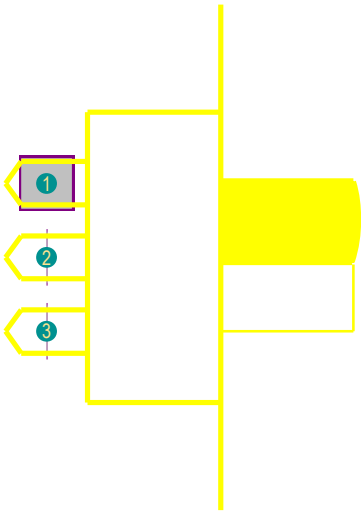
Library Reference	**SW_PB_THT_4PIN_SPDT_12X12SKHC**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 12X12X7.3 mm ; 1,000,000 cycles ; 1.27N Force, SKHCBEA010
Height	7.3mm
Dimension	15mm x 12.392mm
Number of Pads	6
Number of Primitives	36



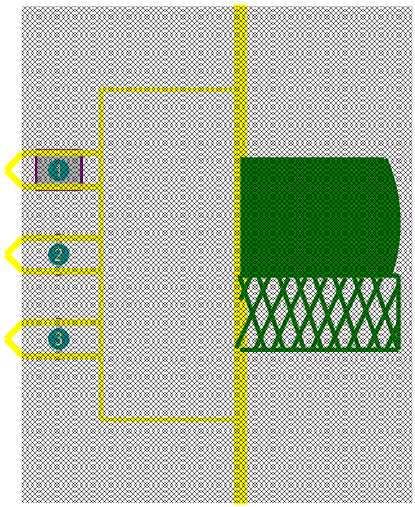
Library Reference	**SW_PB_THT_4PIN_SPDT_12X12SKQE**
Description	SWITCH, PUSHBUTTON, THD, SPDT, 12X12X4.3 mm ; 10,000,000 cycles ; 1.57N Force, SKQEABA010
Height	4.3mm
Dimension	15mm x 12.392mm
Number of Pads	6
Number of Primitives	36



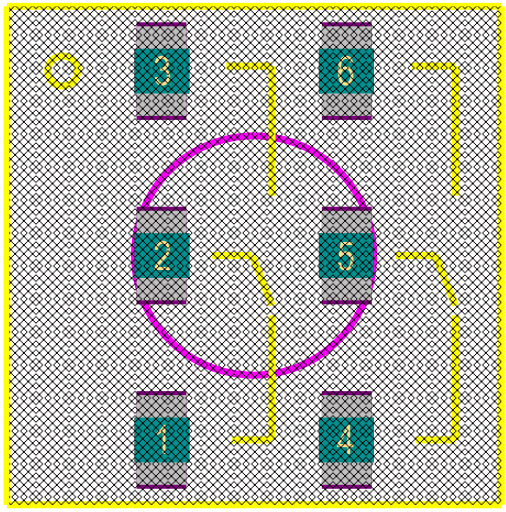
Library Reference	**Switch - DPDT**
Description	
Height	0mm
Dimension	8.754mm x 8.754mm
Number of Pads	6
Number of Primitives	12



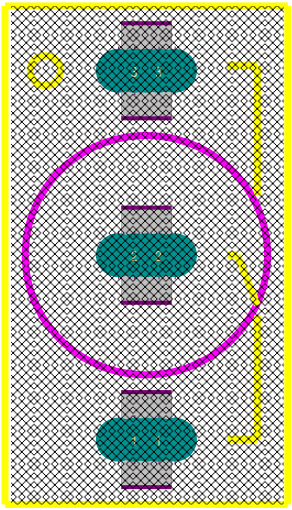
Library Reference	**Switch - SPDT 11.36**
Description	
Height	0mm
Dimension	14mm x 20mm
Number of Pads	3
Number of Primitives	26



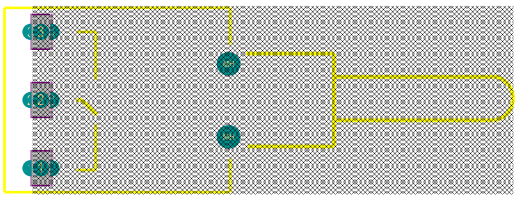
Library Reference	**Switch - SPDT 15.5**
Description	
Height	0mm
Dimension	19.41mm x 24.2mm
Number of Pads	3
Number of Primitives	51



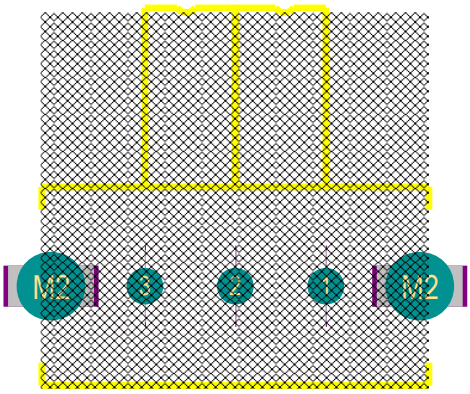
Library Reference	**Switch DPDT**
Description	
Height	0mm
Dimension	12.776mm x 12.878mm
Number of Pads	6
Number of Primitives	25



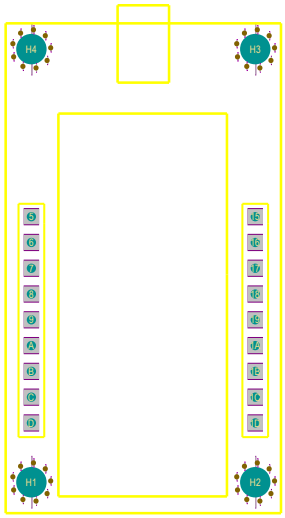
Library Reference	**Switch SPDT Sub**
Description	
Height	0mm
Dimension	7.29mm x 12.878mm
Number of Pads	15
Number of Primitives	28



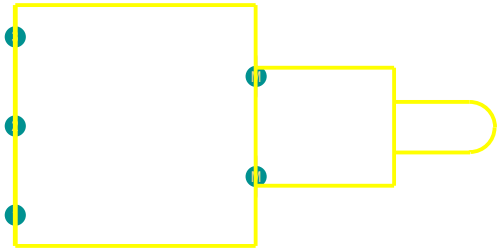
Library Reference	**Switch SPDT Sub Right Angle**
Description	
Height	0mm
Dimension	34.918mm x 13.005mm
Number of Pads	17
Number of Primitives	35



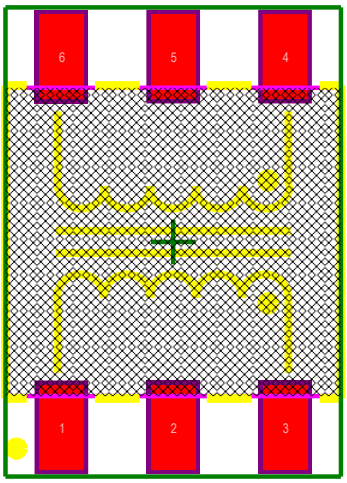
Library Reference	**SW SPDT Subminiator**
Description	Subminiator SPDT switch
Height	0mm
Dimension	10.303mm x 8.555mm
Number of Pads	5
Number of Primitives	28



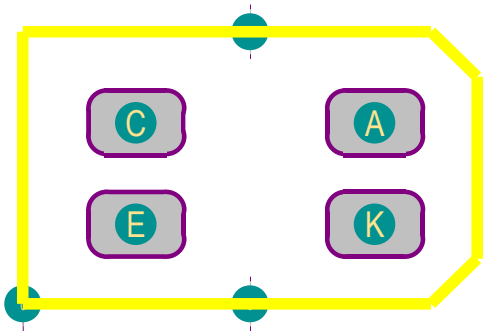
Library Reference	**SZ05-ZIGBEE**
Description	SZ05-ZIGBEE
Height	0mm
Dimension	27.432mm x 50.292mm
Number of Pads	22
Number of Primitives	82



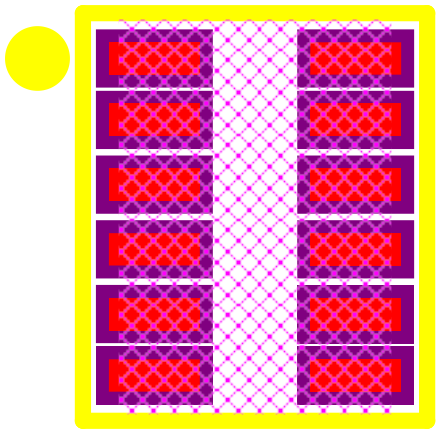
Library Reference	**T80 - T**
Description	Switch; 4 Leads
Height	0mm
Dimension	26.551mm x 12.954mm
Number of Pads	5
Number of Primitives	16



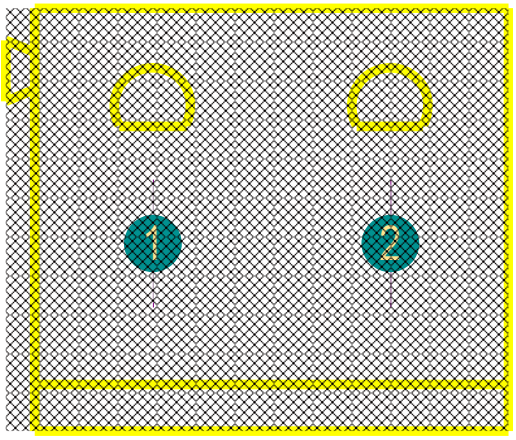
Library Reference	**T3001NL**
Description	T3001NL
Height	6.35mm
Dimension	7.82mm x 10.768mm
Number of Pads	6
Number of Primitives	46



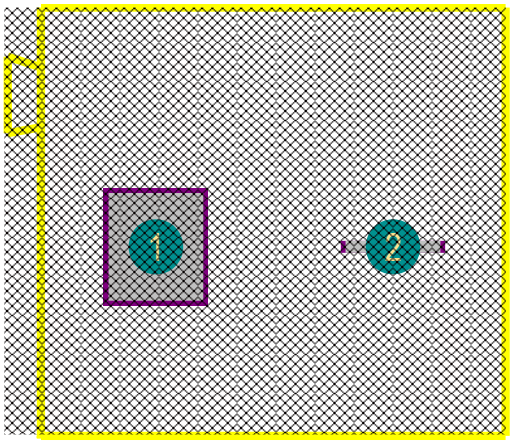
Library Reference	**TCRT5000**
Description	IR Sensor 2LEDs
Height	0mm
Dimension	10.729mm x 7.203mm
Number of Pads	7
Number of Primitives	13



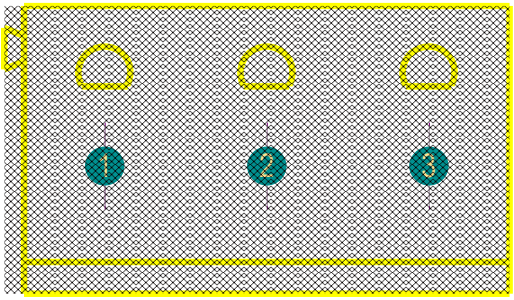
Library Reference	**TDFN12**
Description	TDFN12 (2x3mm)
Height	0.8mm
Dimension	3.367mm x 3.327mm
Number of Pads	12
Number of Primitives	18



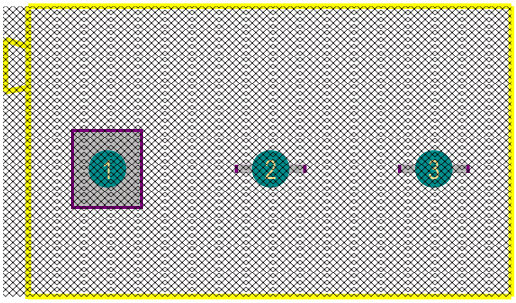
Library Reference	**Terminal_2Pin_P5.00mm**
Description	Terminal Block; 2Pin; Pitch 5.00mm; Body 1000x900mm
Height	12.6mm
Dimension	10.8mm x 9.2mm
Number of Pads	2
Number of Primitives	15



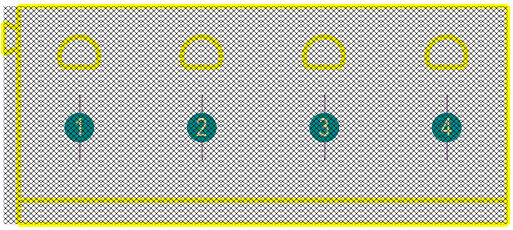
Library Reference	**Terminal_2Pin_P5.08mm**
Description	Terminal Block; 2 Pin; Pitch 5.08mm;
Height	0mm
Dimension	10.846mm x 9.322mm
Number of Pads	2
Number of Primitives	13



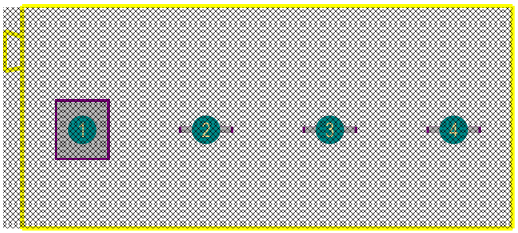
Library Reference	**Terminal_3Pin_P5.00mm**
Description	Terminal Block; 3Pin; Pitch 5.00mm; Body 1500x900mm
Height	12.6mm
Dimension	15.8mm x 9.2mm
Number of Pads	3
Number of Primitives	18



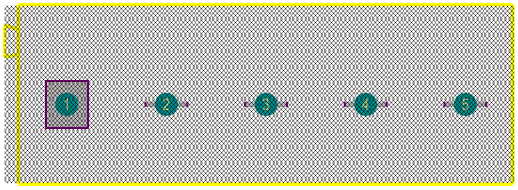
Library Reference	**Terminal_3Pin_P5.08mm**
Description	Terminal Block; 3 Pin; Pitch 5.08mm;
Height	0mm
Dimension	15.927mm x 9.322mm
Number of Pads	3
Number of Primitives	12



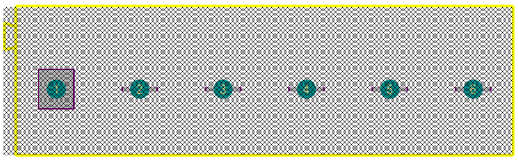
Library Reference	**Terminal_4Pin_P5.00mm**
Description	Terminal Block; 4Pin; Pitch 5.00mm; Body 2000x900mm
Height	12.6mm
Dimension	20.8mm x 9.2mm
Number of Pads	4
Number of Primitives	21



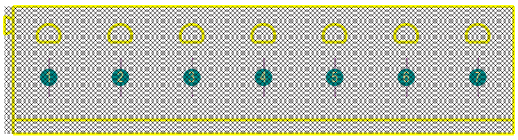
Library Reference	**Terminal_4Pin_P5.08mm**
Description	Terminal Block; 4 Pin; Pitch 5.08mm;
Height	0mm
Dimension	21.004mm x 9.322mm
Number of Pads	4
Number of Primitives	15



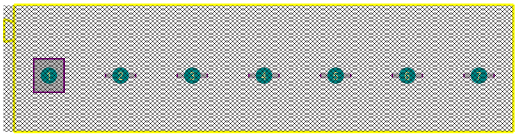
Library Reference	**Terminal_5Pin_P5.08mm**
Description	Terminal Block; 5Pin; Pitch 5.08mm;
Height	0mm
Dimension	26.086mm x 9.322mm
Number of Pads	5
Number of Primitives	13



Library Reference	**Terminal_6Pin_P5.08mm**
Description	Terminal Block; 6Pin; Pitch 5.08mm;
Height	0mm
Dimension	31.191mm x 9.322mm
Number of Pads	6
Number of Primitives	16

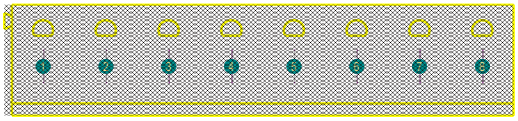


Library Reference	**Terminal_7Pin_P5.00mm**
Description	Terminal Block; 7Pin; Pitch 5.00mm; Body 3500x900mm
Height	12.6mm
Dimension	35.8mm x 9.2mm
Number of Pads	7
Number of Primitives	30

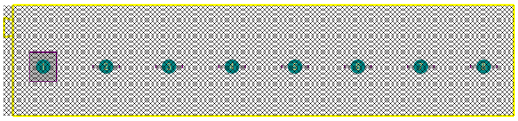


Library Reference	**Terminal_7Pin_P5.08mm**
Description	Terminal Block; 7Pin; Pitch 5.08mm;
Height	0mm
Dimension	36.278mm x 9.322mm

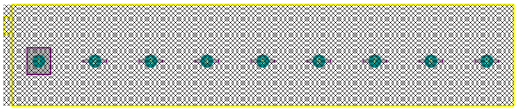
Number of Pads	7
Number of Primitives	15



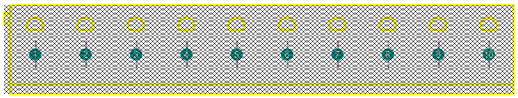
Library Reference	**Terminal_8Pin_P5.00mm**
Description	Terminal Block; 8Pin; Pitch 5.00mm; Body 4000x900mm
Height	12.6mm
Dimension	40.8mm x 9.2mm
Number of Pads	8
Number of Primitives	33



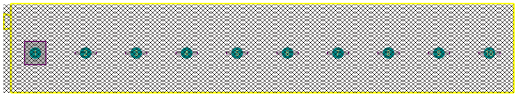
Library Reference	**Terminal_8Pin_P5.08mm**
Description	Terminal Block; 9Pin; Pitch 5.08mm;
Height	0mm
Dimension	41.349mm x 9.322mm
Number of Pads	8
Number of Primitives	17



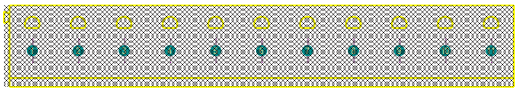
Library Reference	**Terminal_9Pin_P5.08mm**
Description	Terminal Block; 9Pin; Pitch 5.08mm;
Height	0mm
Dimension	46.431mm x 9.322mm
Number of Pads	9
Number of Primitives	18



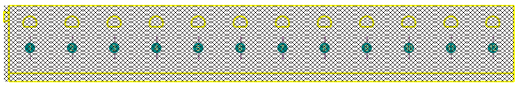
Library Reference	**Terminal_10Pin_P5.00mm**
Description	Terminal Block; 10Pin; Pitch 5.00mm; Body 5000x900mm
Height	12.6mm
Dimension	50.8mm x 9.2mm
Number of Pads	10
Number of Primitives	39



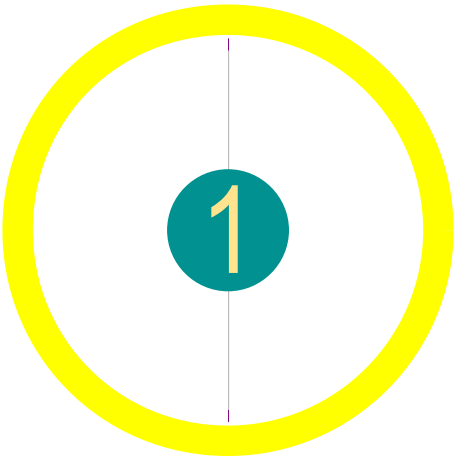
Library Reference	**Terminal_10Pin_P5.08mm**
Description	Terminal Block; 10Pin; Pitch 5.08mm;
Height	12.6mm
Dimension	51.537mm x 9.322mm
Number of Pads	10
Number of Primitives	18



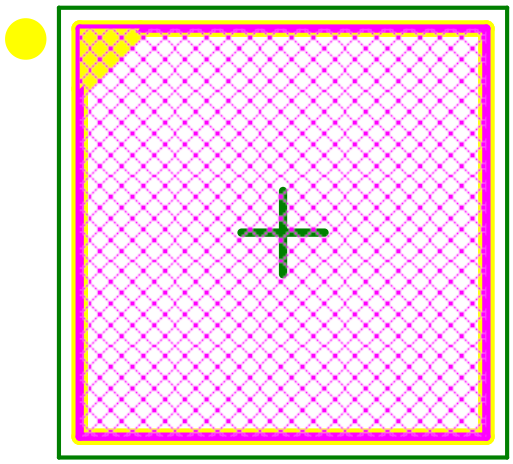
Library Reference	**Terminal_11Pin_P5.00mm**
Description	Terminal Block; 11Pin; Pitch 5.00mm; Body 5500x900mm
Height	12.6mm
Dimension	55.8mm x 9.2mm
Number of Pads	11
Number of Primitives	42



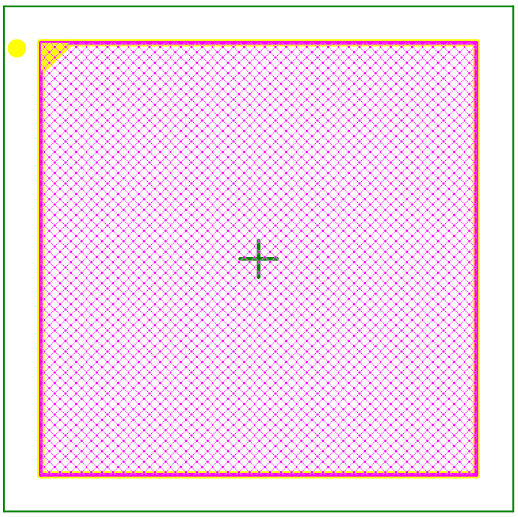
Library Reference	**Terminal_12Pin_P5.00mm**
Description	Terminal Block; 12Pin; Pitch 5.00mm; Body 6000x900mm
Height	12.6mm
Dimension	60.8mm x 9.2mm
Number of Pads	12
Number of Primitives	45



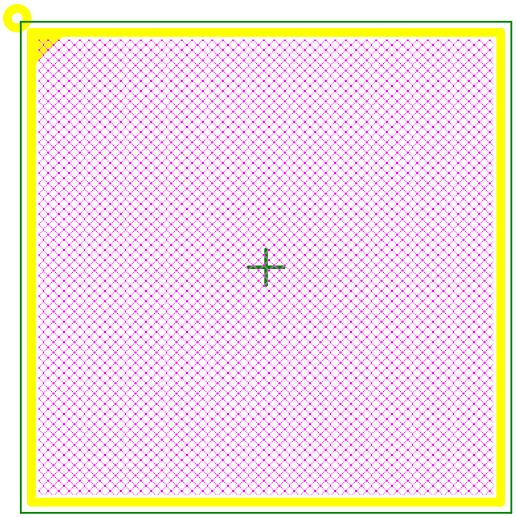
Library Reference	**TEST_POINT**
Description	
Height	0mm
Dimension	3.754mm x 3.754mm
Number of Pads	1
Number of Primitives	2



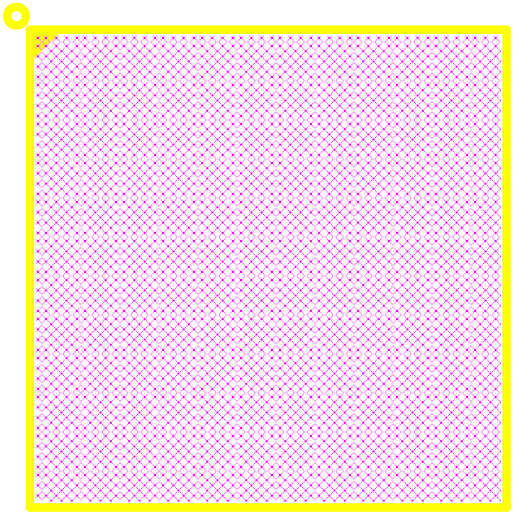
Library Reference	**TFBGA64**
Description	BGA, 64-Balls, Body 5x5mm, Pitch 0.5mm
Height	1.2mm
Dimension	6.175mm x 5.55mm
Number of Pads	64
Number of Primitives	82



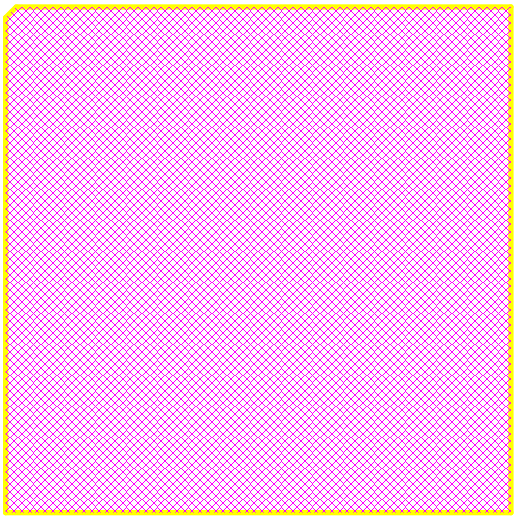
Library Reference	**TFBGA 180**
Description	
Height	0mm
Dimension	14.05mm x 14.05mm
Number of Pads	180
Number of Primitives	198



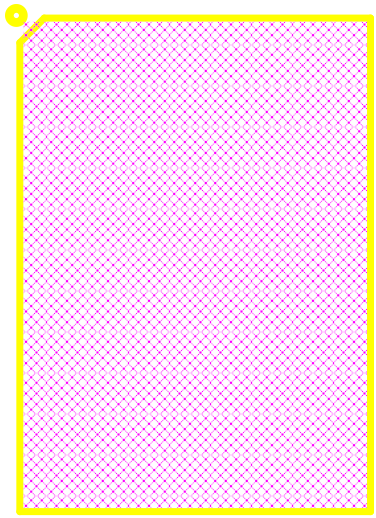
Library Reference	**TFBGA216**
Description	
Height	0mm
Dimension	14.535mm x 14.535mm
Number of Pads	216
Number of Primitives	229



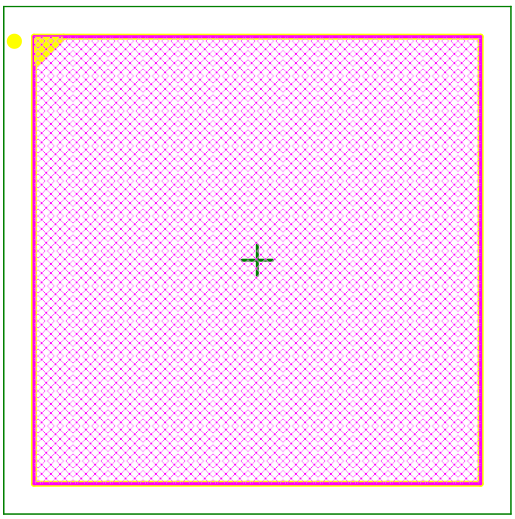
Library Reference	**TFBGA240+25**
Description	
Height	0mm
Dimension	15.335mm x 15.335mm
Number of Pads	265
Number of Primitives	272



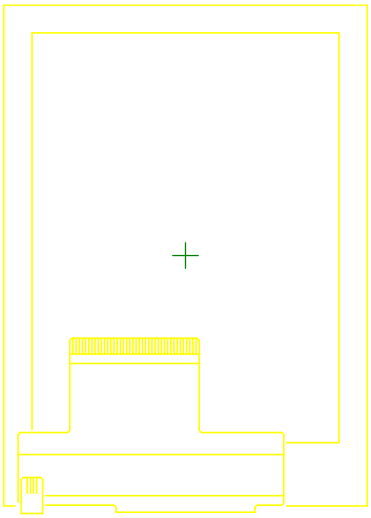
Library Reference	**TFBGA441**
Description	
Height	0mm
Dimension	19.4mm x 19.4mm
Number of Pads	441
Number of Primitives	447



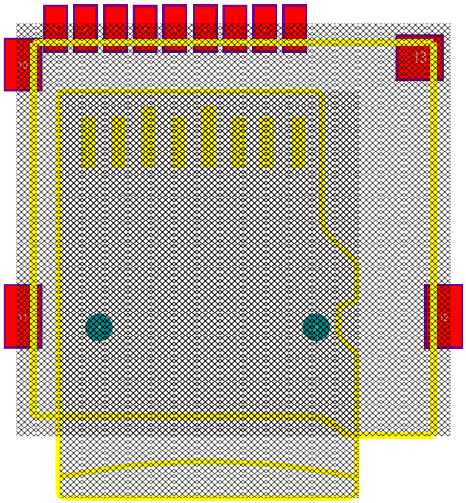
Library Reference	**TFBGA-117**
Description	
Height	0mm
Dimension	10.727mm x 14.727mm
Number of Pads	117
Number of Primitives	124



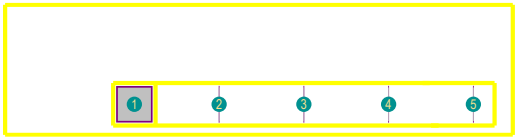
Library Reference	**TFBGA-208**
Description	
Height	0mm
Dimension	17.05mm x 17.05mm
Number of Pads	208
Number of Primitives	226



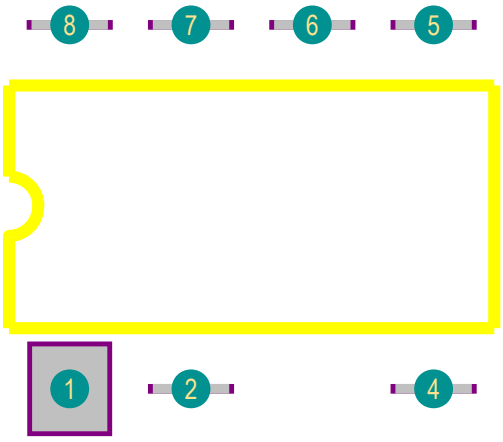
Library Reference	**TFT240320-289-E**
Description	
Height	3.65mm
Dimension	57.794mm x 80.654mm
Number of Pads	0
Number of Primitives	86



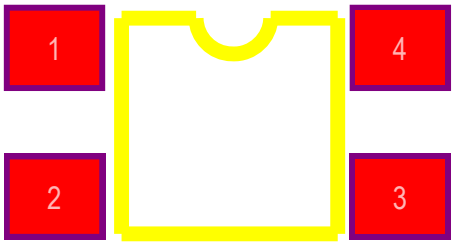
Library Reference	**TFWF1-EBXX-1X0X**
Description	T-FLASH PUSH-PUSH
Height	2mm
Dimension	16.903mm x 18.302mm
Number of Pads	15
Number of Primitives	55



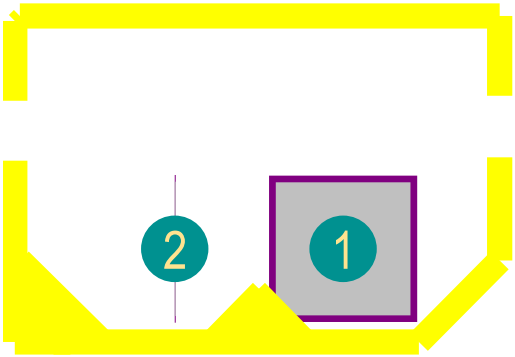
Library Reference	**THUBWHEEL-SWITCH**
Description	
Height	0mm
Dimension	30.683mm x 8.026mm
Number of Pads	5
Number of Primitives	16



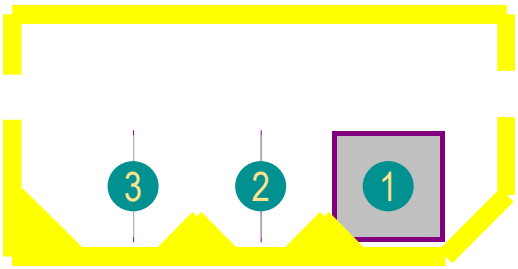
Library Reference	**TinySwitch-Dip**
Description	
Height	0mm
Dimension	10.414mm x 9.623mm
Number of Pads	7
Number of Primitives	13



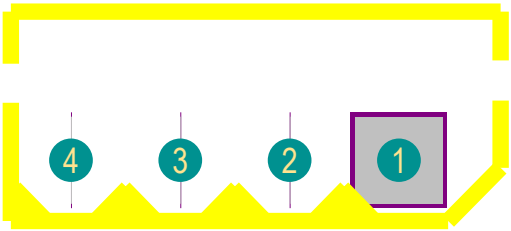
Library Reference	**TLP181**
Description	
Height	0mm
Dimension	7.603mm x 4.039mm
Number of Pads	4
Number of Primitives	10



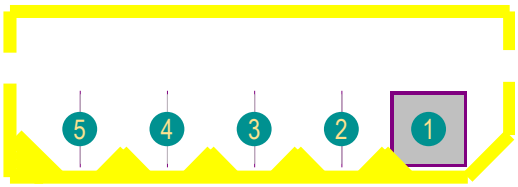
Library Reference	**TMS2**
Description	
Height	0mm
Dimension	7.699mm x 5.352mm
Number of Pads	2
Number of Primitives	25



Library Reference	**TMS3**
Description	
Height	0mm
Dimension	10.239mm x 5.281mm
Number of Pads	3
Number of Primitives	32

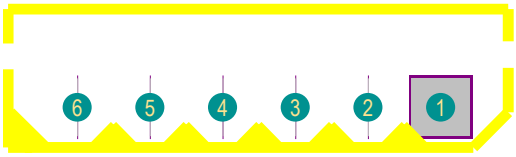


Library Reference	**TMS4**
Description	
Height	0mm
Dimension	11.763mm x 5.281mm
Number of Pads	4
Number of Primitives	36

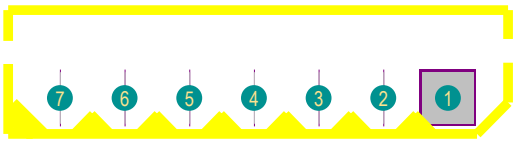


Library Reference	**TMS5**
Description	
Height	0mm
Dimension	14.938mm x 5.281mm

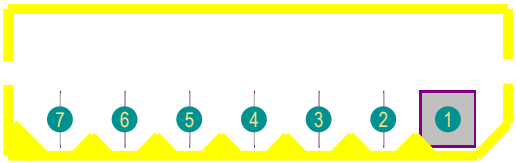
Number of Pads	5
Number of Primitives	53



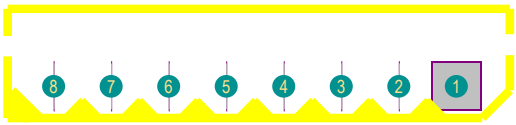
Library Reference	**TMS6**
Description	
Height	0mm
Dimension	17.859mm x 5.281mm
Number of Pads	6
Number of Primitives	56



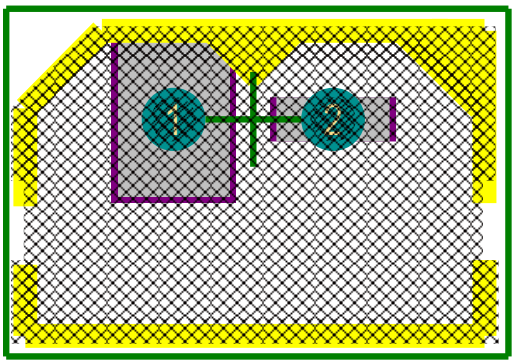
Library Reference	**TMS7**
Description	
Height	0mm
Dimension	20.018mm x 5.281mm
Number of Pads	7
Number of Primitives	64



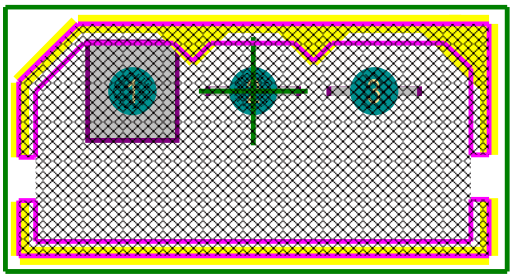
Library Reference	**TMS7 - Big**
Description	p?
Height	0mm
Dimension	20.018mm x 6.114mm
Number of Pads	7
Number of Primitives	64



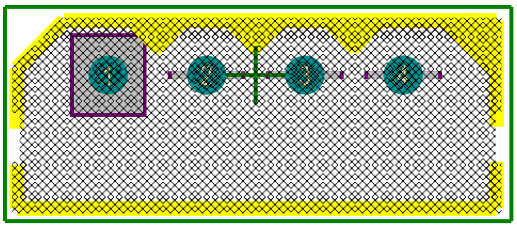
Library Reference	**TMS8**
Description	
Height	0mm
Dimension	22.558mm x 5.281mm
Number of Pads	8
Number of Primitives	72



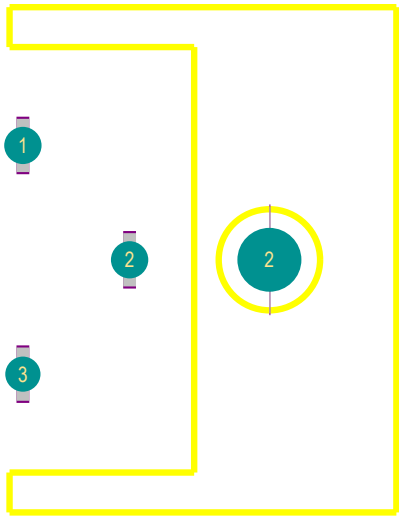
Library Reference	**TMS_2R**
Description	Connector; TMS Sereis; 2 Position ,2.54mm Pitch
Height	5.9mm
Dimension	8.101mm x 5.688mm
Number of Pads	2
Number of Primitives	37



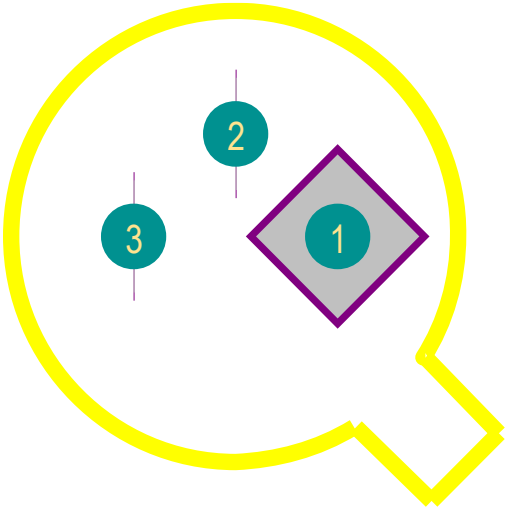
Library Reference	**TMS_3R**
Description	Connector; TMS Sereis; 3 Position ,2.54mm Pitch
Height	5.9mm
Dimension	10.641mm x 5.688mm
Number of Pads	3
Number of Primitives	75



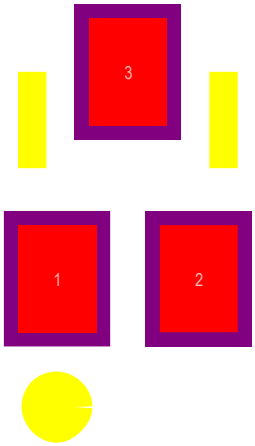
Library Reference	**TMS_4R**
Description	Connector; TMS Sereis; 4 Position ,2.54mm Pitch
Height	5.9mm
Dimension	13.181mm x 5.688mm
Number of Pads	4
Number of Primitives	55



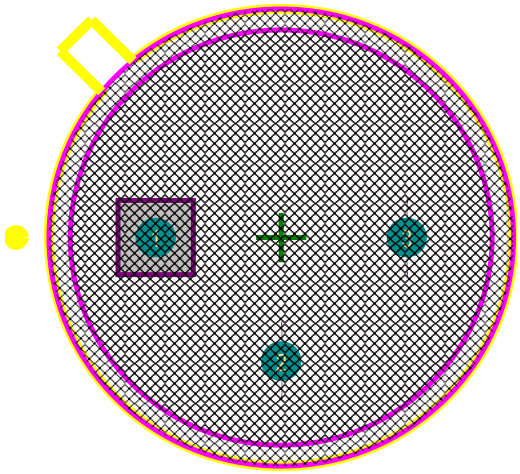
Library Reference	**TO-3**
Description	
Height	0mm
Dimension	19.622mm x 24.435mm
Number of Pads	4
Number of Primitives	13



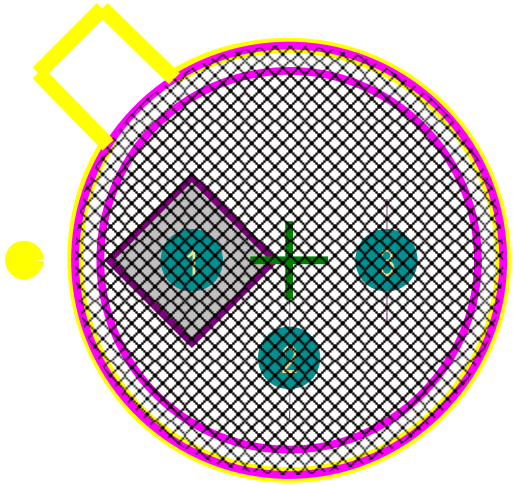
Library Reference	**TO-18**
Description	Can; 3 Leads; Pin Circle Dia. 2.54 mm; Lead Dia. 0.48 mm (max)
Height	2.67mm
Dimension	6.277mm x 6.277mm
Number of Pads	3
Number of Primitives	7



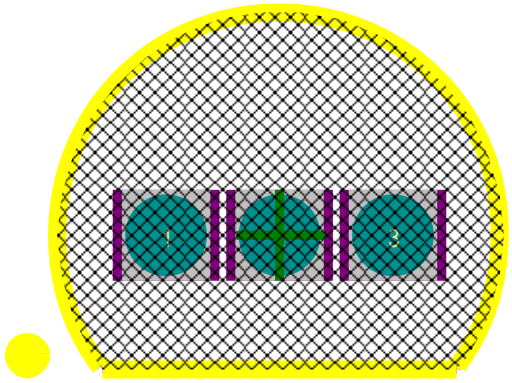
Library Reference	**TO-18A**
Description	SC-89; 3 Flat Leads; Body 1.6 x 1.6 x 0.7 mm, inc leads (LxWxH typ)
Height	0.8mm
Dimension	1.753mm x 3.102mm
Number of Pads	3
Number of Primitives	6



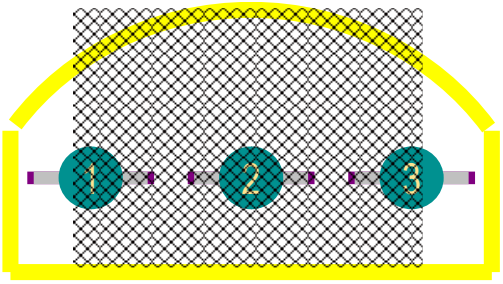
Library Reference	**TO-39**
Description	Can; 3 Leads; Pin Circle Dia. 5.08 mm; Lead Dia. 0.48 mm (max)
Height	4.55mm
Dimension	10.395mm x 9.59mm
Number of Pads	3
Number of Primitives	14



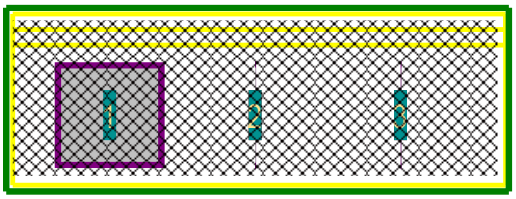
Library Reference	**TO-52**
Description	Can; 3 Leads; Pin Circle Dia. 2.54 mm; Lead Dia. 0.48 mm (max)
Height	2.67mm
Dimension	6.6mm x 6.277mm
Number of Pads	3
Number of Primitives	14



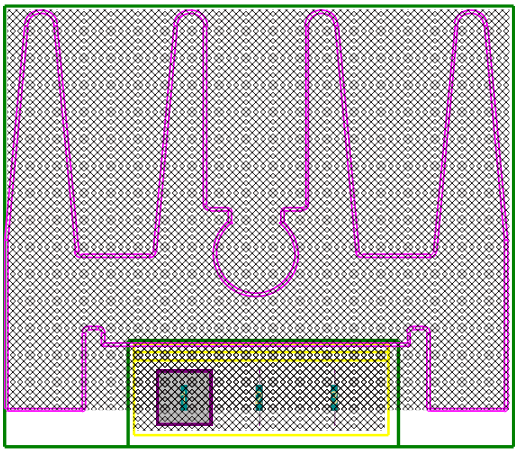
Library Reference	**TO-92**
Description	TO, Flat Index; 3 In-Line, Axial Leads; Body Dia. 4.5mm; Leads 0.51 x 0.48 mm (max)
Height	6.86mm
Dimension	5.664mm x 4.184mm
Number of Pads	3
Number of Primitives	11



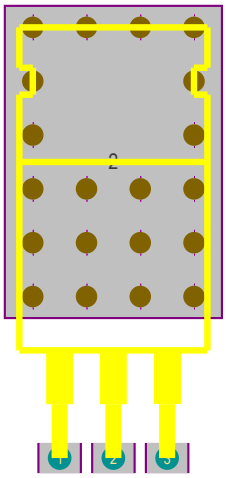
Library Reference	**TO-92-**
Description	
Height	9.1mm
Dimension	7.874mm x 4.506mm
Number of Pads	3
Number of Primitives	8



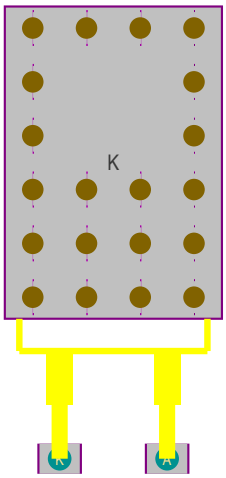
Library Reference	**TO-126 (SOT32) Gold PCB**
Description	
Height	16mm
Dimension	8mm x 3.1mm
Number of Pads	3
Number of Primitives	15



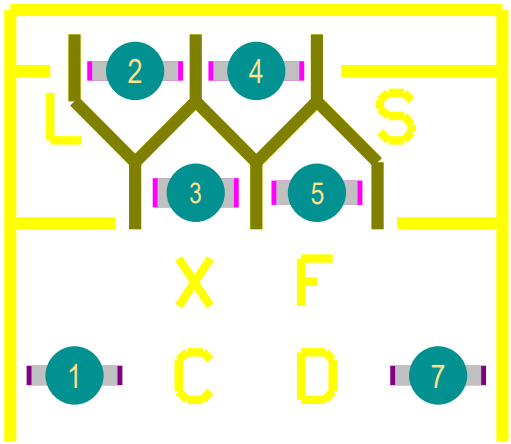
Library Reference	**TO-126 (SOT32) Gold PCB With HatSink**
Description	
Height	16mm
Dimension	15.6mm x 13.6mm
Number of Pads	3
Number of Primitives	151



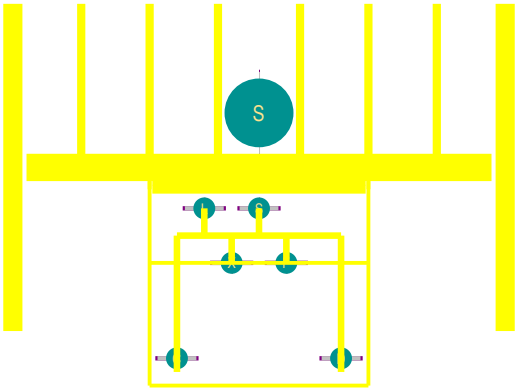
Library Reference	**TO-220**
Description	
Height	0mm
Dimension	10.363mm x 23.127mm
Number of Pads	5
Number of Primitives	45



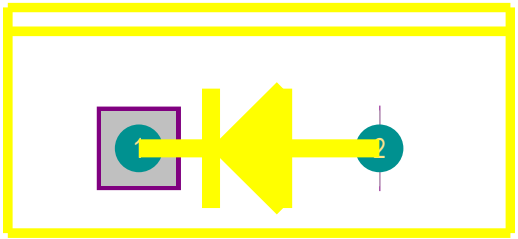
Library Reference	**TO-220-2**
Description	
Height	0mm
Dimension	10.363mm x 23.127mm
Number of Pads	4
Number of Primitives	31



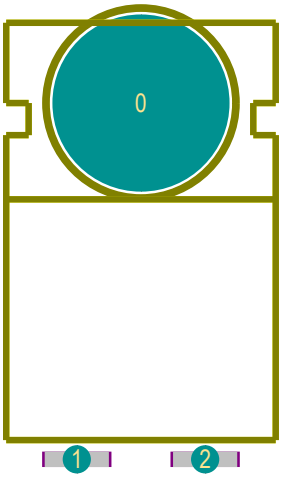
Library Reference	**TO-220-7C**
Description	
Height	19.76mm
Dimension	10.544mm x 9.254mm
Number of Pads	6
Number of Primitives	41



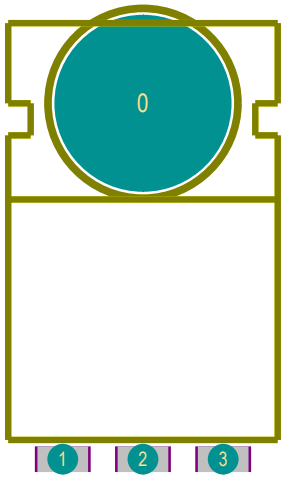
Library Reference	**TO-220-7CH**
Description	
Height	0mm
Dimension	23.749mm x 18.313mm
Number of Pads	7
Number of Primitives	31



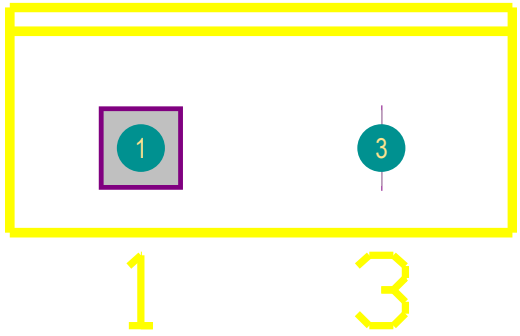
Library Reference	**TO-220-AA**
Description	TO, Thru-Hole, Vertical, Heatsink Mounted; 3 In-Line Leads (1 Absent); Pitch 2.54 mm
Height	19.3mm
Dimension	10.8mm x 5mm
Number of Pads	2
Number of Primitives	15



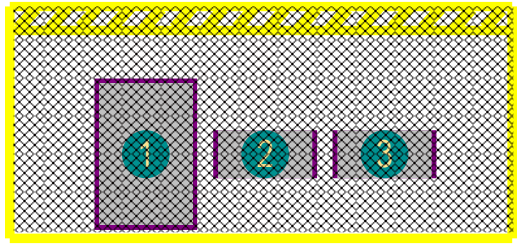
Library Reference	**TO-220-P2**
Description	
Height	0mm
Dimension	10.922mm x 19.689mm
Number of Pads	3
Number of Primitives	31



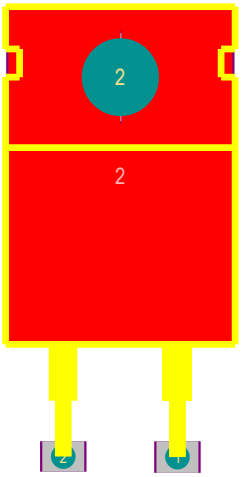
Library Reference	**TO-220-P3**
Description	
Height	0mm
Dimension	10.922mm x 19.601mm
Number of Pads	4
Number of Primitives	32



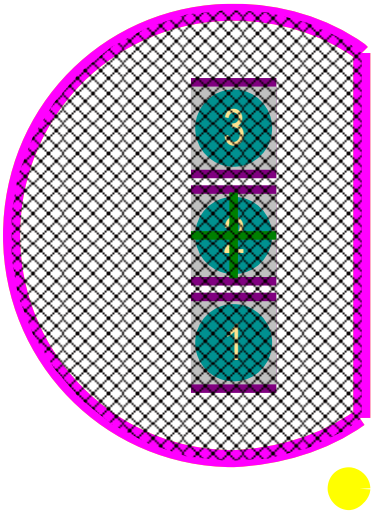
Library Reference	**TO-220_A**
Description	TO, Thru-Hole, Vertical, Heatsink Mounted; 3 In-Line Leads (1 Absent); Pitch 2.54 mm
Height	19.3mm
Dimension	10.8mm x 7.025mm
Number of Pads	2
Number of Primitives	9



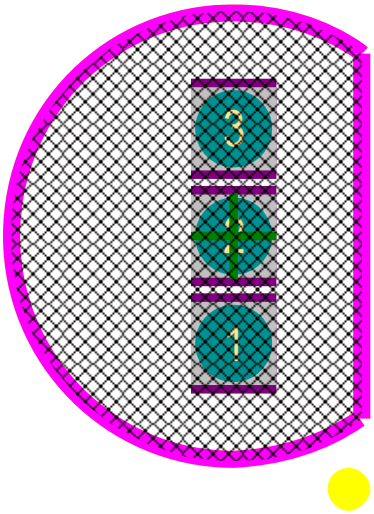
Library Reference	**TO-220AB**
Description	TO-220AB, Thru-Hole, Vertical, Heatsink Mounted; 3 In-Line Leads; Pitch 2.54 mm
Height	19.7mm
Dimension	10.9mm x 5.103mm
Number of Pads	3
Number of Primitives	25



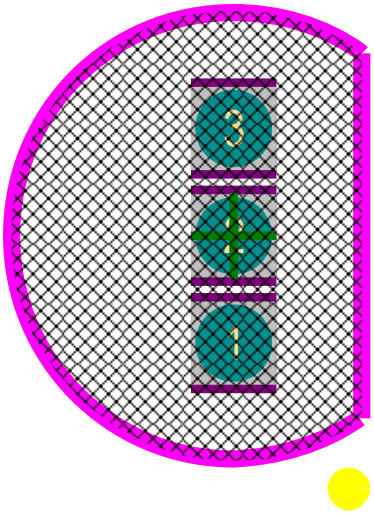
Library Reference	**TO-220AC**
Description	
Height	5.08mm
Dimension	10.719mm x 22.2mm
Number of Pads	4
Number of Primitives	24



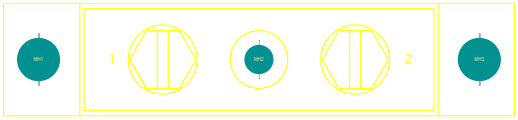
Library Reference	**TO-226-AA**
Description	TO, Flat Index; 3 In-Line, Axial Leads; Body Dia. 4.8mm; Leads 0.55 x 0.51 mm (max)
Height	5.33mm
Dimension	4.371mm x 6.003mm
Number of Pads	3
Number of Primitives	11



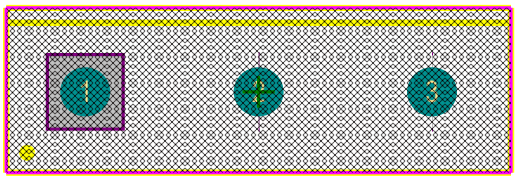
Library Reference	**TO-226-AE**
Description	TO, Flat Index; 3 In-Line, Axial Leads; Body Dia. 4.8mm; Leads 0.55 x 0.51 mm (max)
Height	7.87mm
Dimension	4.371mm x 6.003mm
Number of Pads	3
Number of Primitives	11



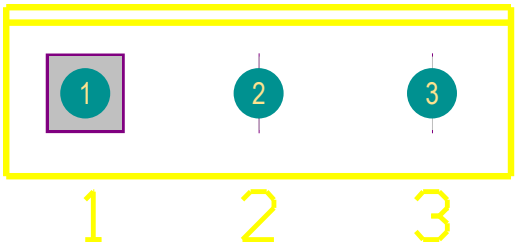
Library Reference	**TO-237-AA**
Description	TO, Flat Index; 3 In-Line, Axial Leads; Body Dia. 4.8mm; Lead Dia. 0.56 mm (max)
Height	7.11mm
Dimension	4.371mm x 6.003mm
Number of Pads	3
Number of Primitives	11



Library Reference	**TO-244AB**
Description	Rectangular Flange Mount/TO-244-AB; 2 Screw Terminals; Body 92.71 x 20.32 x 23.55 mm (LxWxH max)
Height	23.55mm
Dimension	92.91mm x 20.52mm
Number of Pads	3
Number of Primitives	35

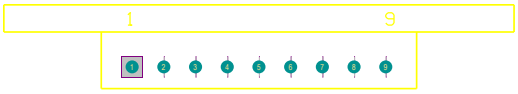


Library Reference	**TO-247**
Description	SIP with Mounting Hole; 3 Leads; Body 20 x 15.6 x 5 mm (typ); Pitch 5.45 mm
Height	24.6mm
Dimension	16.1mm x 5.5mm
Number of Pads	3
Number of Primitives	16

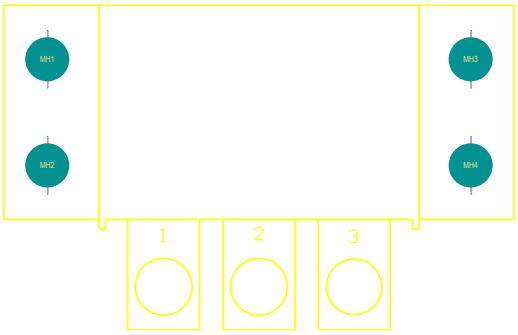


Library Reference	**TO-247AC**
Description	SIP with Mounting Hole; 3 Leads; Body 20 x 15.6 x 5 mm (typ); Pitch 5.45 mm
Height	24.6mm
Dimension	16.1mm x 7.525mm
Number of Pads	3

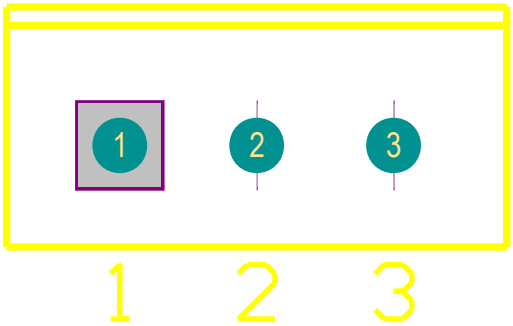
Number of Primitives	11



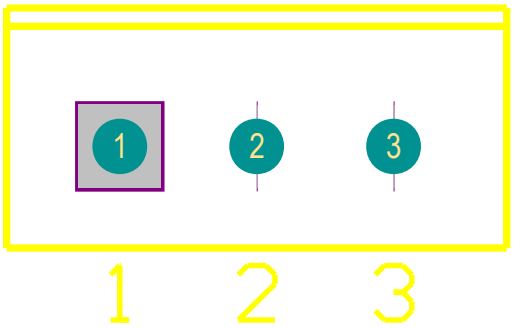
Library Reference	**TO-249**
Description	Rectangular Flange Mount, Thru-Hole; 9 Leads; Pitch 3.81 mm
Height	25.7mm
Dimension	61.5mm x 10.4mm
Number of Pads	9
Number of Primitives	18



Library Reference	**TO-249AA**
Description	Rectangular Flange Mount/TO-249-AA; 3 Terminals; Body 61.21 x 25.65 x 10.16 mm (LxWxH max)
Height	10.16mm
Dimension	61.414mm x 39.064mm
Number of Pads	4
Number of Primitives	33

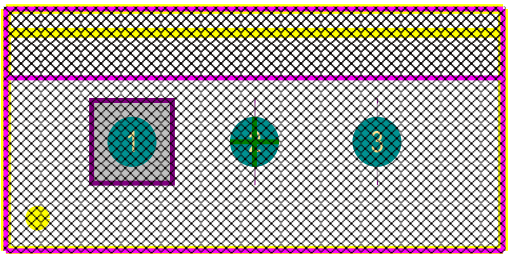


Library Reference	**TO-254-AA**
Description	TO, Thru-Hole, Vertical, Heatsink Mounted; 3 In-Line Leads; Pitch 3.81 mm
Height	20.3mm
Dimension	14.1mm x 8.825mm
Number of Pads	3
Number of Primitives	11

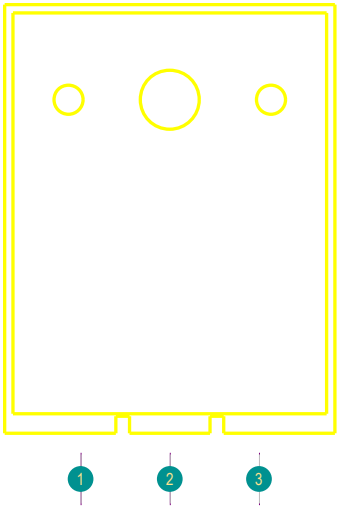


Library Reference	**TO-254AA**
Description	TO, Thru-Hole, Vertical, Heatsink Mounted; 3 In-Line Leads; Pitch 3.81 mm
Height	20.3mm
Dimension	14.1mm x 8.825mm
Number of Pads	3

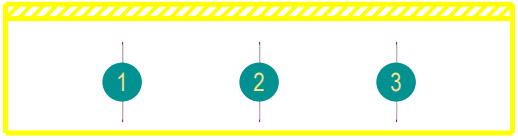
Number of Primitives	11



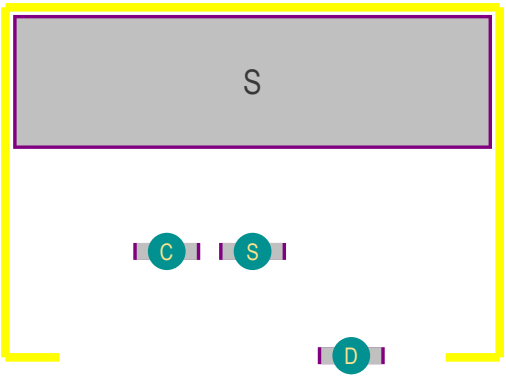
Library Reference	**TO-262-AA**
Description	TO, Thru-Hole, Vertical, Heatsink Mounted; 3 In-Line Leads; Pitch 2.54 mm
Height	19.7mm
Dimension	10.5mm x 5.1mm
Number of Pads	3
Number of Primitives	18



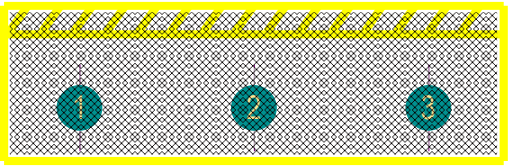
Library Reference	**TO-264T_H**
Description	TO-264T, 3-Pads, P5.45mm
Height	5.2mm
Dimension	20.4mm x 30.702mm
Number of Pads	3
Number of Primitives	22



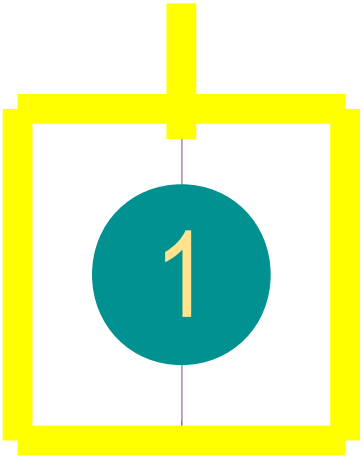
Library Reference	**TO-264T_V**
Description	TO-264T, 3-Pads, P5.45mm
Height	29mm
Dimension	20.4mm x 5.4mm
Number of Pads	3
Number of Primitives	48



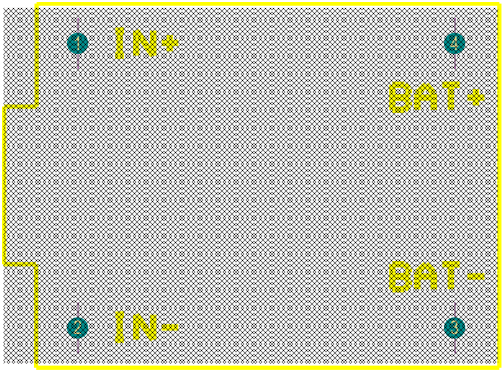
Library Reference	**TOP22x**
Description	
Height	0mm
Dimension	14.859mm x 11.798mm
Number of Pads	5
Number of Primitives	10



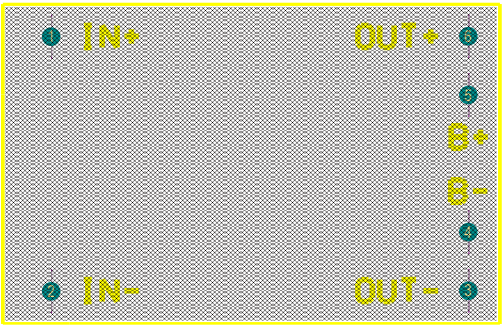
Library Reference	**TOP-3**
Description	
Height	0mm
Dimension	15.748mm x 5.08mm
Number of Pads	3
Number of Primitives	24



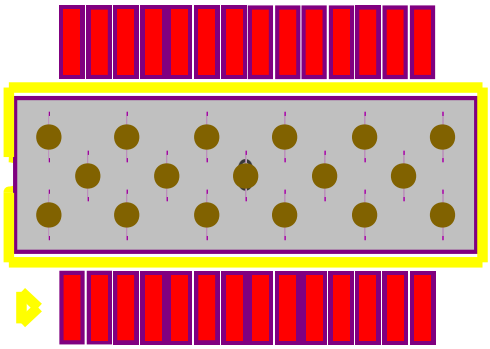
Library Reference	**TP**
Description	
Height	0mm
Dimension	3.048mm x 3.937mm
Number of Pads	1
Number of Primitives	6



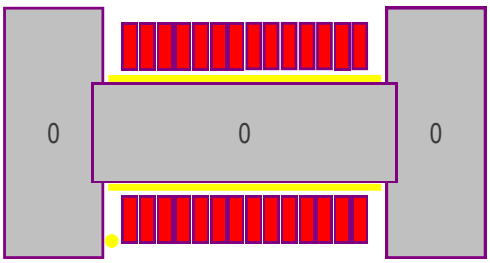
Library Reference	**TP4056**
Description	Module TP4056 23/6x17/4mm
Height	4mm
Dimension	23.825mm x 17.6mm
Number of Pads	4
Number of Primitives	19



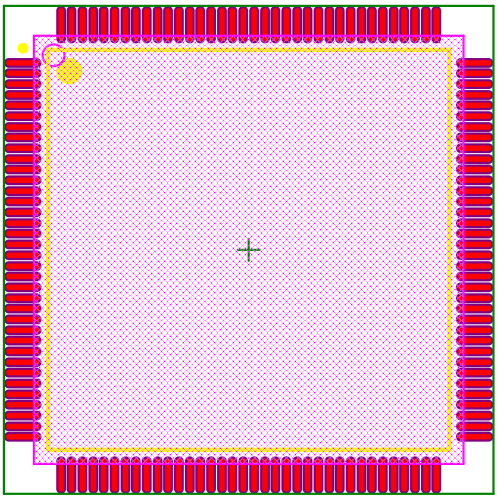
Library Reference	**TP4056P**
Description	Module TP4056P 28/8x17/4mm
Height	4mm
Dimension	27.4mm x 17.6mm
Number of Pads	6
Number of Primitives	19



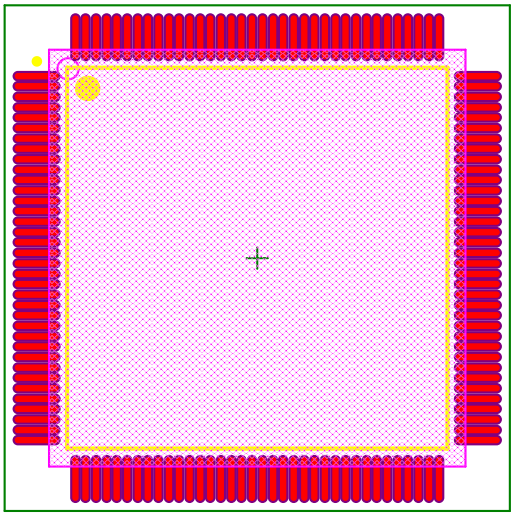
Library Reference	**TPS-767**
Description	
Height	0mm
Dimension	11.679mm x 8.203mm
Number of Pads	29
Number of Primitives	55



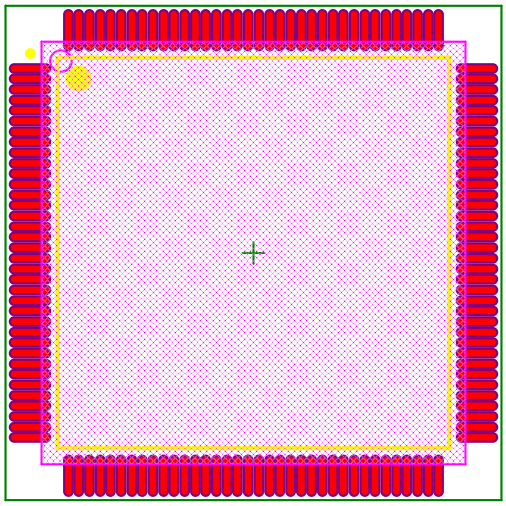
Library Reference	**TPS-767-HS**
Description	
Height	0mm
Dimension	17.703mm x 9.303mm
Number of Pads	76
Number of Primitives	79



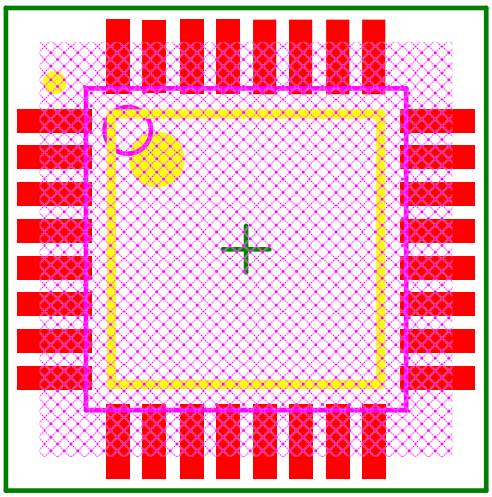
Library Reference	**TQ144_L**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	22.9mm x 22.9mm
Number of Pads	144
Number of Primitives	162



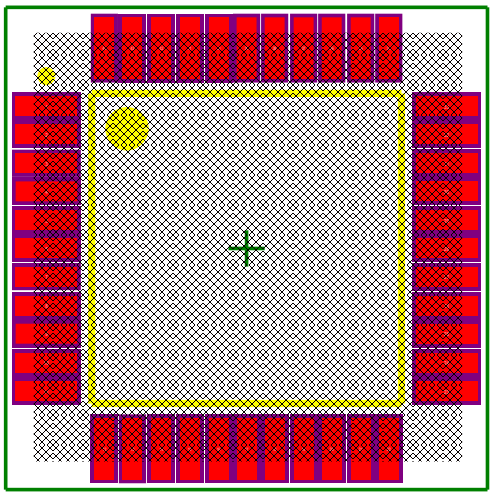
Library Reference	**TQ144_M**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	24.4mm x 24.4mm
Number of Pads	144
Number of Primitives	162



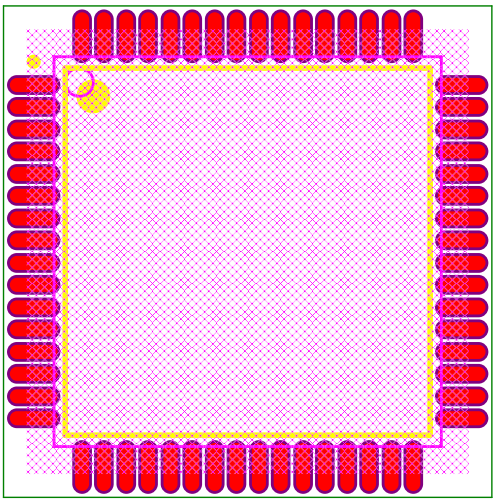
Library Reference	**TQ144_N**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	23.5mm x 23.5mm
Number of Pads	144
Number of Primitives	162



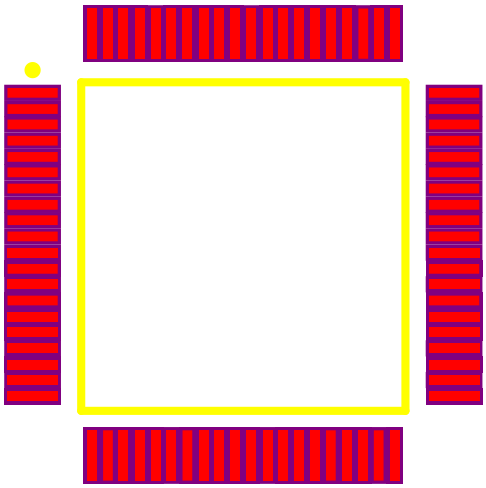
Library Reference	**TQFP-32**
Description	
Height	1mm
Dimension	10.6mm x 10.6mm
Number of Pads	32
Number of Primitives	50



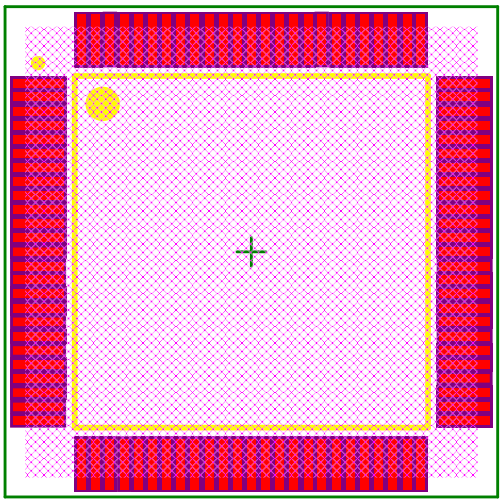
Library Reference	**TQFP-44**
Description	TQFP, 44-Leads, Body 12.3x12.3mm (max), Pitch 0.80mm, IPC Medium Density
Height	1.2mm
Dimension	13.6mm x 13.6mm
Number of Pads	44
Number of Primitives	57



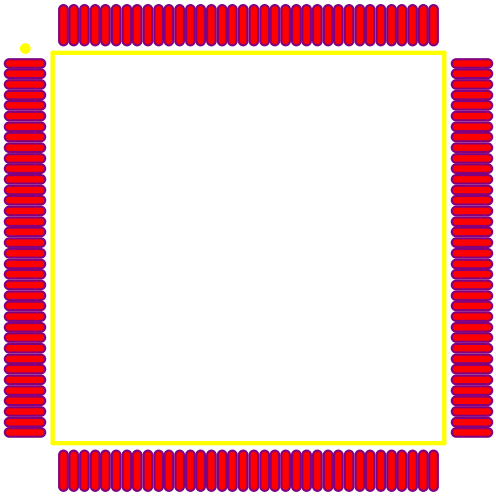
Library Reference	**TQFP-64**
Description	TQFP, 64-Leads, Body 13/95x14/00mm, Pitch 0/80mm, IPC Medium Density
Height	1.2mm
Dimension	17.75mm x 17.75mm
Number of Pads	64
Number of Primitives	80



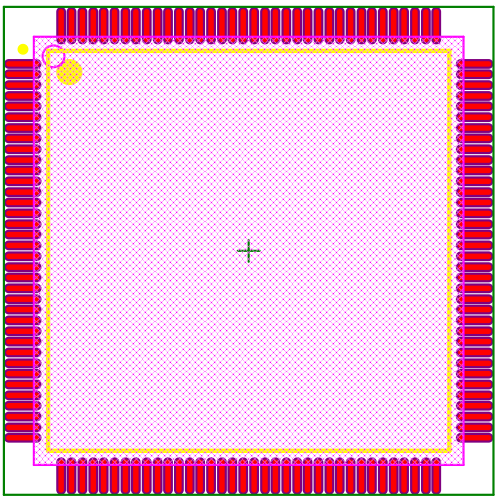
Library Reference	**TQFP-80**
Description	
Height	0mm
Dimension	15.003mm x 15.003mm
Number of Pads	80
Number of Primitives	85



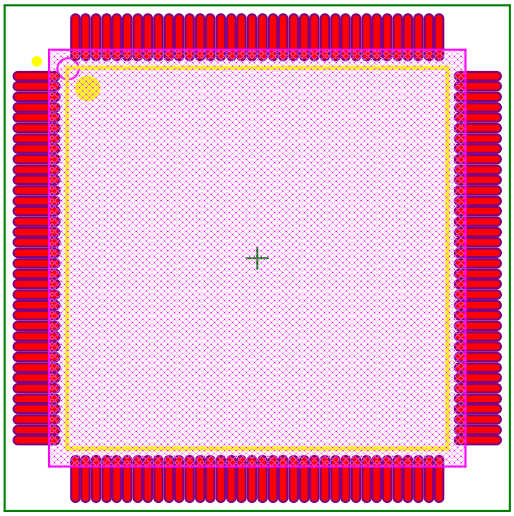
Library Reference	**TQFP-100**
Description	TSQFP, 100-Leads, Body 16.3x16.3mm (max), Pitch 0.50mm, IPC Medium Density
Height	1.2mm
Dimension	17.5mm x 17.5mm
Number of Pads	100
Number of Primitives	113



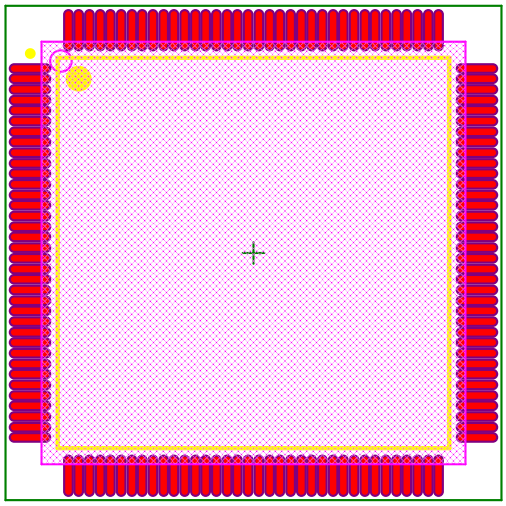
Library Reference	**TQFP-144**
Description	
Height	0mm
Dimension	23.103mm x 23.103mm
Number of Pads	144
Number of Primitives	149



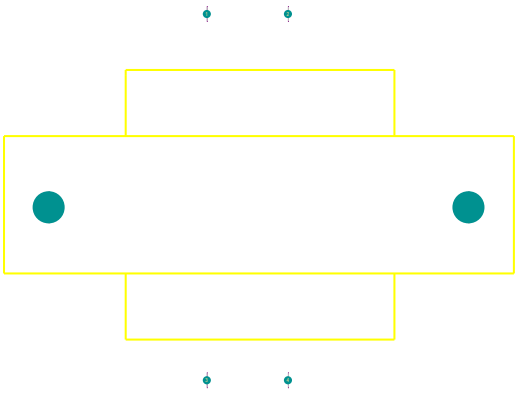
Library Reference	**TQG144_L**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC High Density
Height	1.6mm
Dimension	22.9mm x 22.9mm
Number of Pads	144
Number of Primitives	162



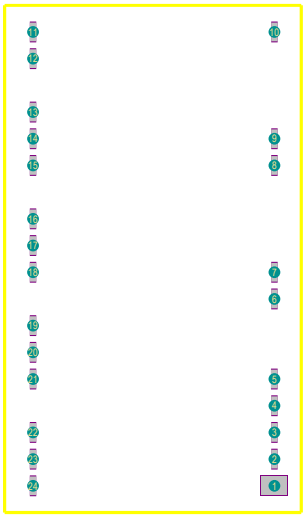
Library Reference	**TQG144_M**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Low Density
Height	1.6mm
Dimension	24.4mm x 24.4mm
Number of Pads	144
Number of Primitives	162



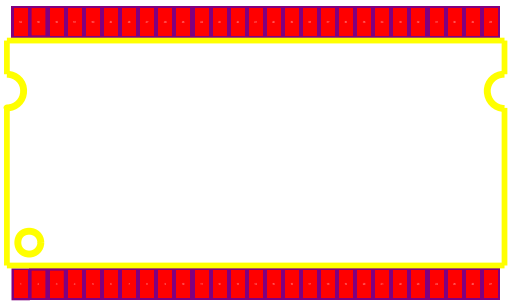
Library Reference	**TQG144_N**
Description	Thin QFP, 144-Leads, Body 20x20mm, Pitch 0.5mm, IPC Medium Density
Height	1.6mm
Dimension	23.5mm x 23.5mm
Number of Pads	144
Number of Primitives	162



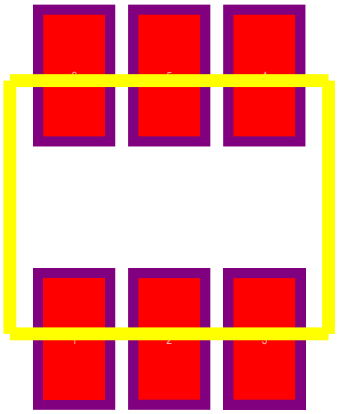
Library Reference	**Trans 220:16**
Description	
Height	0mm
Dimension	64.119mm x 47.701mm
Number of Pads	6
Number of Primitives	17



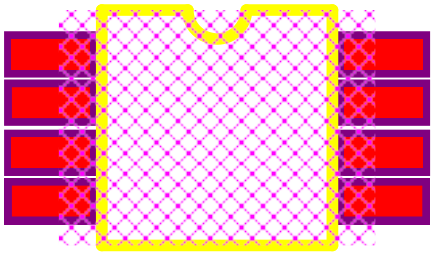
Library Reference	**TRANS-24**
Description	
Height	0mm
Dimension	28.397mm x 48.565mm
Number of Pads	24
Number of Primitives	28



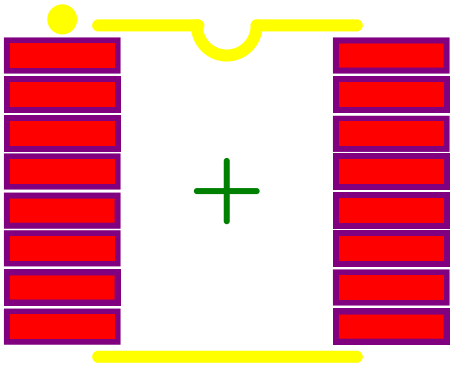
Library Reference	**TSOP-54**
Description	SDRAM Memory IC
Height	2mm
Dimension	22.305mm x 13.103mm
Number of Pads	54
Number of Primitives	63



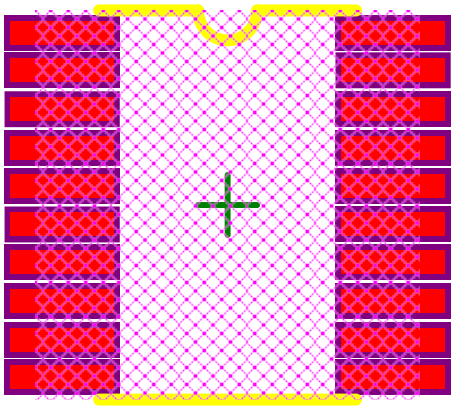
Library Reference	**TSOT-23-6**
Description	
Height	0.7mm
Dimension	3.302mm x 4.043mm
Number of Pads	6
Number of Primitives	10



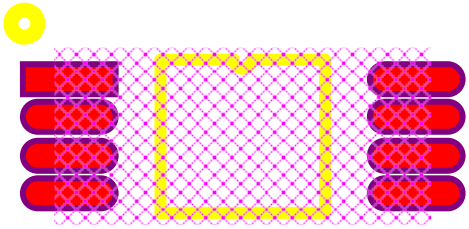
Library Reference	**TSSOP8**
Description	
Height	1.2mm
Dimension	5.537mm x 3.252mm
Number of Pads	8
Number of Primitives	15



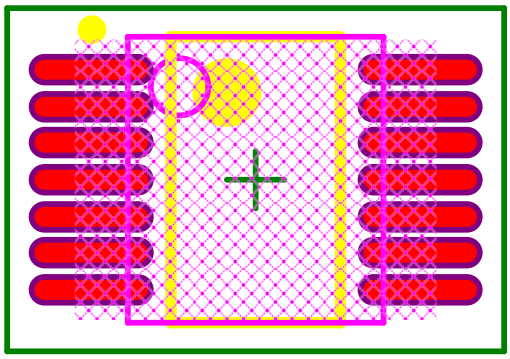
Library Reference	**TSSOP16**
Description	16 Pin TSSOP JDEC MO-153 Variation AC
Height	1.2mm
Dimension	7.583mm x 6.038mm
Number of Pads	16
Number of Primitives	23



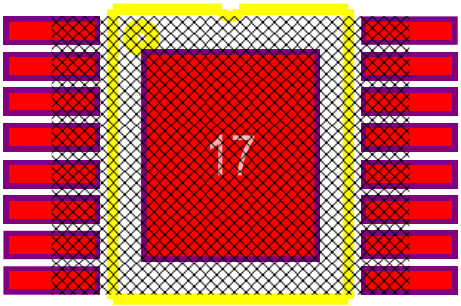
Library Reference	**TSSOP20**
Description	20 Pin TSSOP JDEC MO-153 Variation AC
Height	1.2mm
Dimension	7.683mm x 6.802mm
Number of Pads	20
Number of Primitives	27



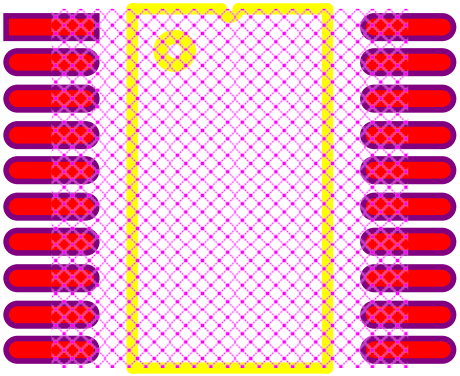
Library Reference	**TSSOP-8**
Description	
Height	0mm
Dimension	7.827mm x 3.751mm
Number of Pads	8
Number of Primitives	16



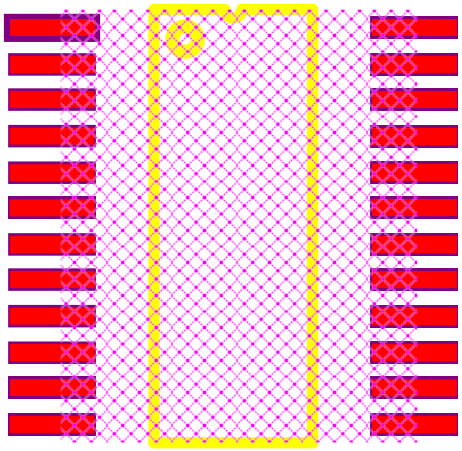
Library Reference	**TSSOP-14**
Description	
Height	0mm
Dimension	8.9mm x 6.2mm
Number of Pads	14
Number of Primitives	32



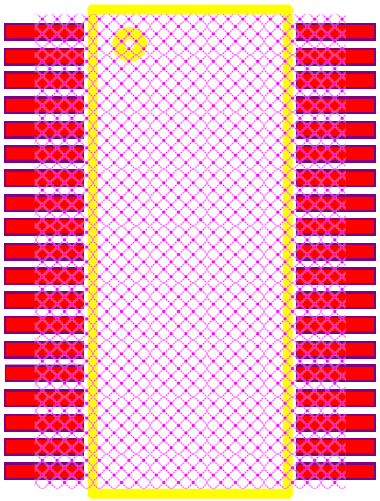
Library Reference	**TSSOP-16**
Description	
Height	0mm
Dimension	8.103mm x 5.365mm
Number of Pads	17
Number of Primitives	25



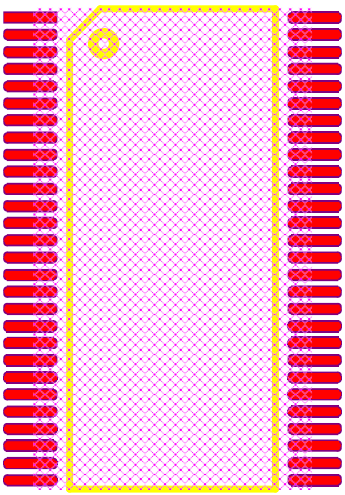
Library Reference	**TSSOP-20**
Description	
Height	0mm
Dimension	8.103mm x 6.7mm
Number of Pads	20
Number of Primitives	28



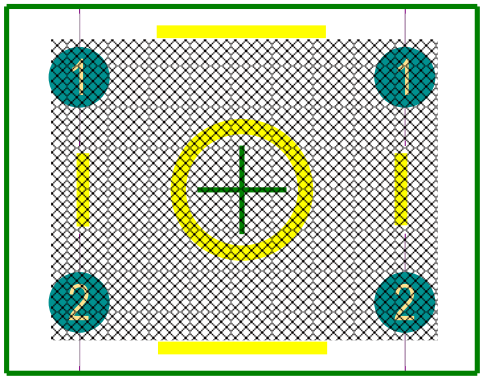
Library Reference	**TSSOP-24**
Description	
Height	0mm
Dimension	8.152mm x 8mm
Number of Pads	24
Number of Primitives	32



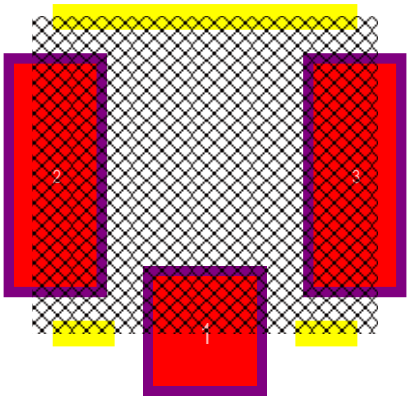
Library Reference	**TSSOP-38**
Description	
Height	0mm
Dimension	7.65mm x 10.1mm
Number of Pads	38
Number of Primitives	44



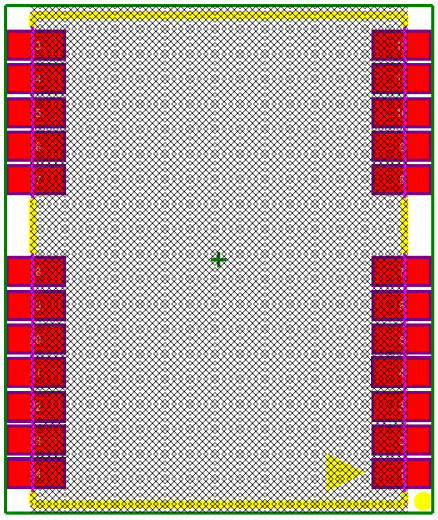
Library Reference	**TSSOP-56**
Description	
Height	0mm
Dimension	9.9mm x 14.2mm
Number of Pads	56
Number of Primitives	63



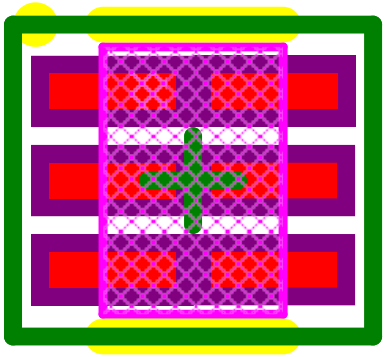
Library Reference	**TUCHSWITCH_4**
Description	Miniature Push Button Switch,B3F Series;body 6 x 6mm, 4-Leads
Height	5.4mm
Dimension	9.498mm x 7.466mm
Number of Pads	4
Number of Primitives	18



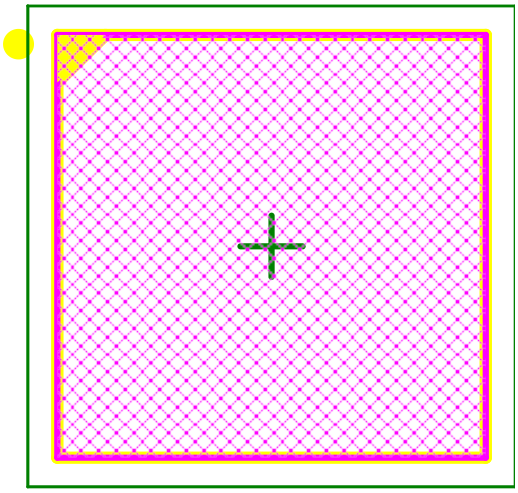
Library Reference	**U.FL-R-SMT(01)**
Description	
Height	3.1mm
Dimension	3.953mm x 3.829mm
Number of Pads	3
Number of Primitives	7



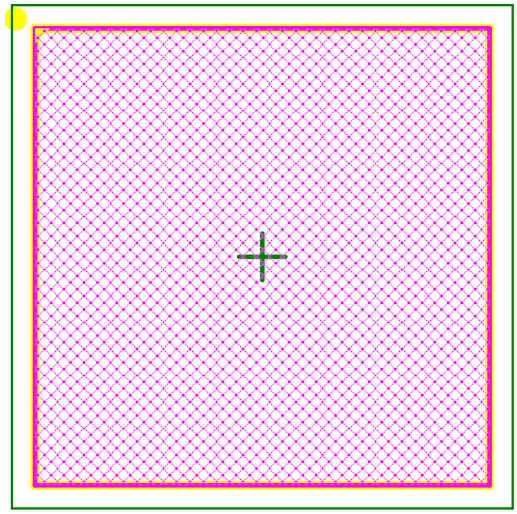
Library Reference	**UBLOX-NEO**
Description	UBLOX GPS Module NEO 5,6,7,M8
Height	0mm
Dimension	14.1mm x 16.7mm
Number of Pads	24
Number of Primitives	45



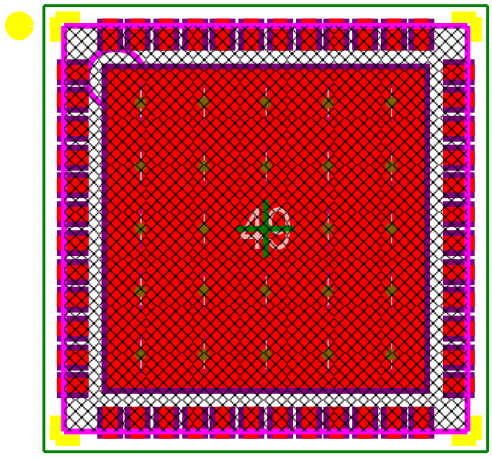
Library Reference	**UDFN-6**
Description	1.5mm x 1.0mm x 0.75mm, 6-pin FN package.
Height	0.75mm
Dimension	2.132mm x 2.005mm
Number of Pads	6
Number of Primitives	21



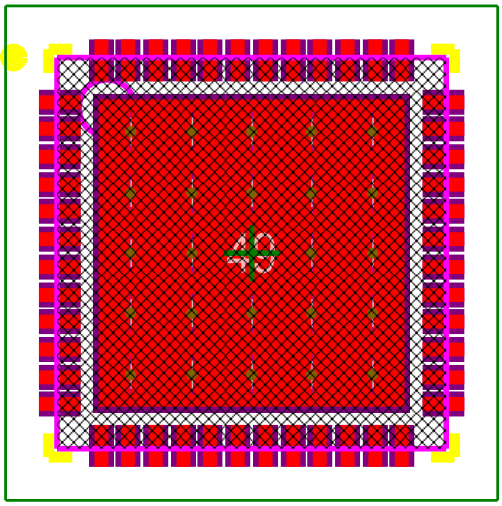
Library Reference	**UFBGA100**
Description	BGA, 100-Balls, Body 7x7mm, Pitch 0.5mm
Height	0.6mm
Dimension	8.425mm x 8.05mm
Number of Pads	100
Number of Primitives	118



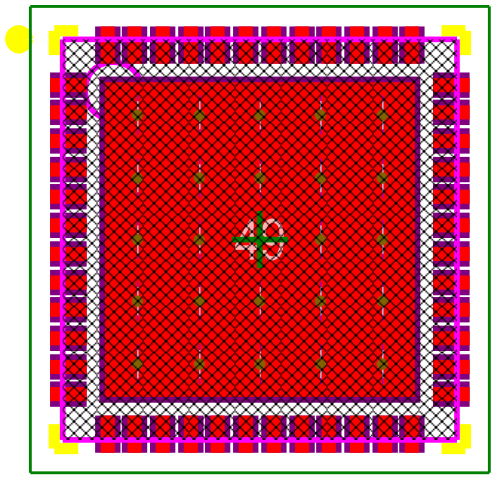
Library Reference	**UFBGA176+25**
Description	BGA, 201-Balls, Body 10x10mm, Pitch 0.65mm
Height	0.6mm
Dimension	11.2mm x 11.05mm
Number of Pads	201
Number of Primitives	218



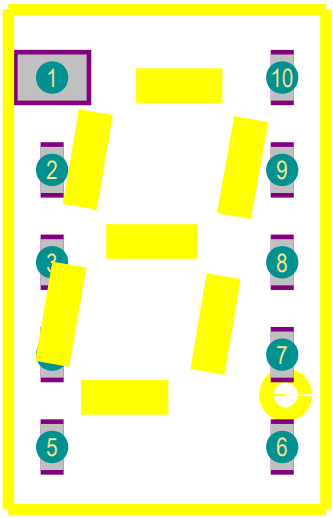
Library Reference	**UFQFPN48_L**
Description	QFN, 48-Leads, Body 7.1x7.1mm, Pitch 0.5mm, Thermal Pad 5.6x5.6mm, IPC High Density
Height	0.6mm
Dimension	8.525mm x 7.85mm
Number of Pads	49
Number of Primitives	95



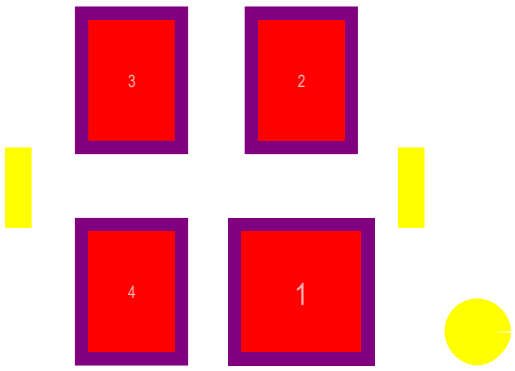
Library Reference	**UFQFPN48_M**
Description	QFN, 48-Leads, Body 7.1x7.1mm, Pitch 0.5mm, Thermal Pad 5.6x5.6mm, IPC Low Density
Height	0.6mm
Dimension	9.125mm x 9.05mm
Number of Pads	49
Number of Primitives	95



Library Reference	**UFQFPN48_N**
Description	QFN, 48-Leads, Body 7.1x7.1mm, Pitch 0.5mm, Thermal Pad 5.6x5.6mm, IPC Medium Density
Height	0.6mm
Dimension	8.775mm x 8.35mm
Number of Pads	49
Number of Primitives	95

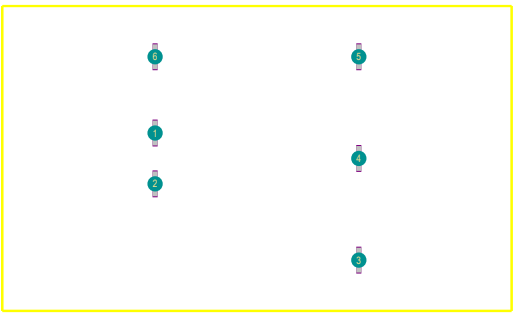


Library Reference	**uls-3121**
Description	
Height	0mm
Dimension	7.254mm x 11.254mm
Number of Pads	10
Number of Primitives	22

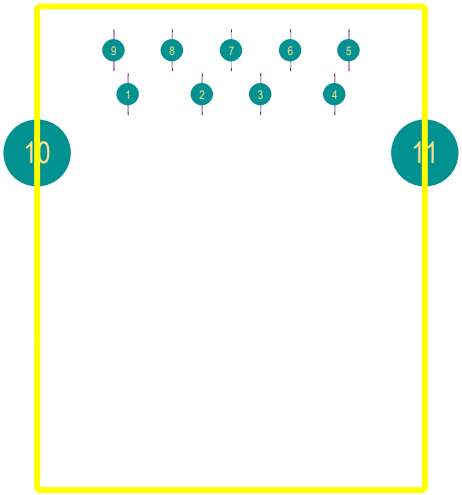


Library Reference	**UMD4**
Description	
Height	0mm
Dimension	3.86mm x 2.724mm
Number of Pads	4
Number of Primitives	7

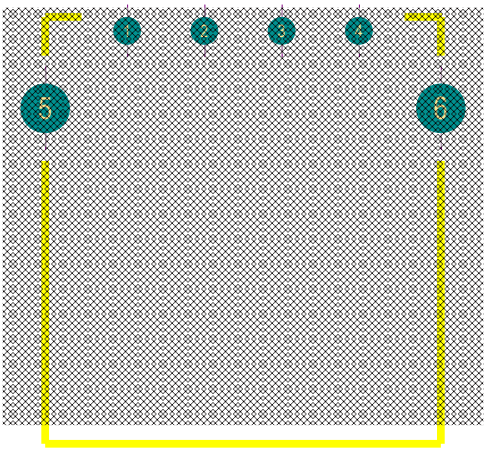
Library Reference	**URA4815D-30WR2**
Description	
Height	11.811mm
Dimension	51.054mm x 40.894mm
Number of Pads	7
Number of Primitives	11



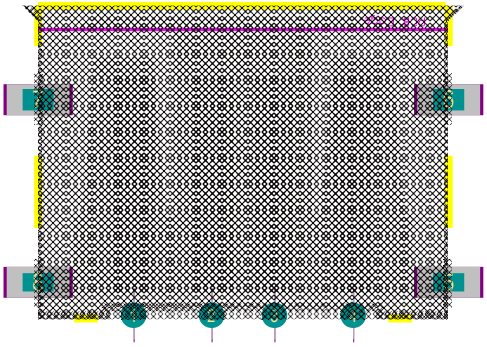
Library Reference	**URB2405LD-20WH**
Description	Mornsun DC/DC Converter
Height	0mm
Dimension	51.054mm x 30.734mm
Number of Pads	6
Number of Primitives	10



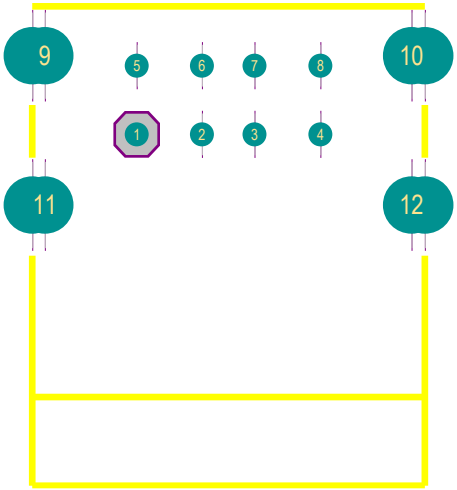
Library Reference	**USB3-A**
Description	USB3.0 Connector
Height	0mm
Dimension	16.343mm x 16.703mm
Number of Pads	11
Number of Primitives	16



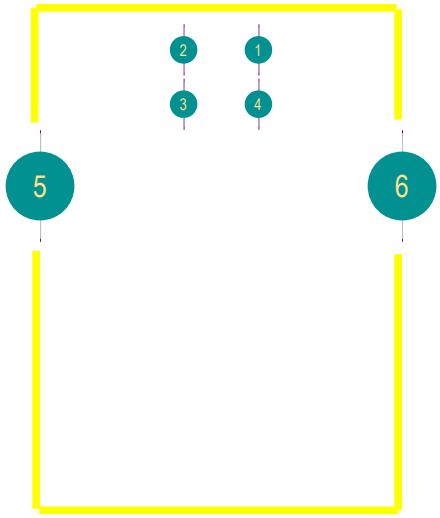
Library Reference	**USB-A**
Description	
Height	0mm
Dimension	15.8mm x 14.531mm
Number of Pads	6
Number of Primitives	15



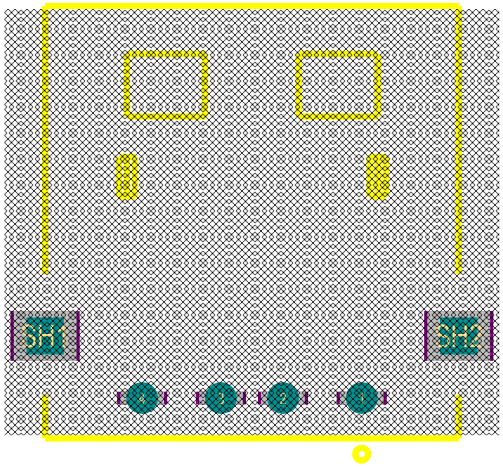
Library Reference	**USB-A-SMD**
Description	
Height	0mm
Dimension	15.303mm x 10.891mm
Number of Pads	8
Number of Primitives	36



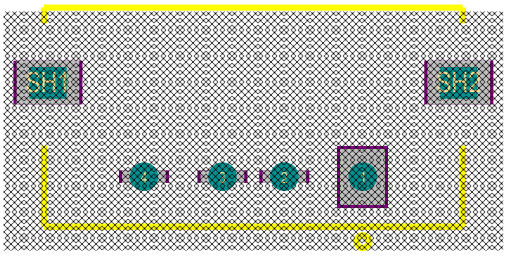
Library Reference	**USB-A_2**
Description	
Height	0mm
Dimension	18.503mm x 18.504mm
Number of Pads	16
Number of Primitives	23



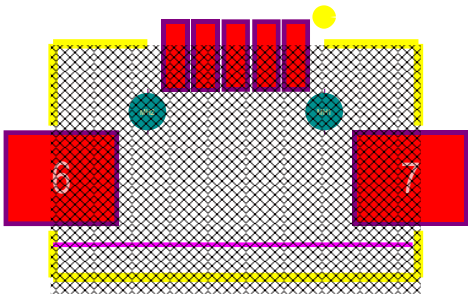
Library Reference	**USB-B**
Description	
Height	0mm
Dimension	15.743mm x 16.942mm
Number of Pads	6
Number of Primitives	12



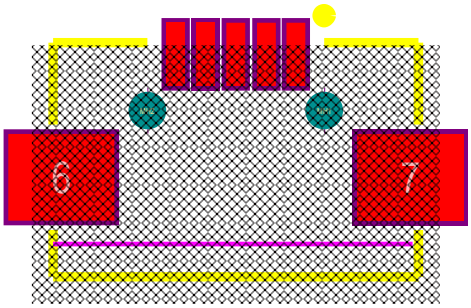
Library Reference	**USB_A_REC_RA_THD**
Description	CONN, USB A, Receptacle, RIGHT ANGLE, THD
Height	7mm
Dimension	15.8mm x 14.8mm
Number of Pads	6
Number of Primitives	36



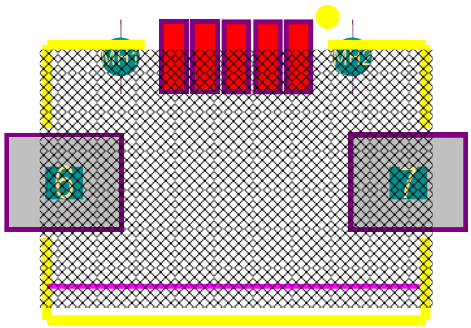
Library Reference	**USB_A_REC_ST**
Description	CONN, USB A, Receptacle, STRAIGHT, THD
Height	15mm
Dimension	15.983mm x 7.875mm
Number of Pads	6
Number of Primitives	14



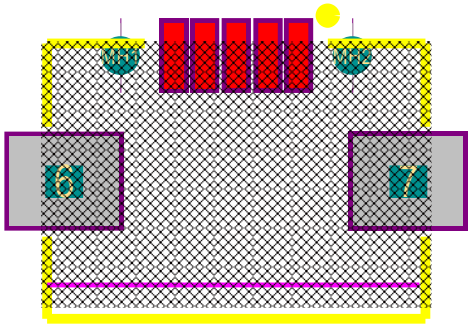
Library Reference	**USB_Micro**
Description	
Height	0mm
Dimension	10.003mm x 6.283mm
Number of Pads	9
Number of Primitives	19



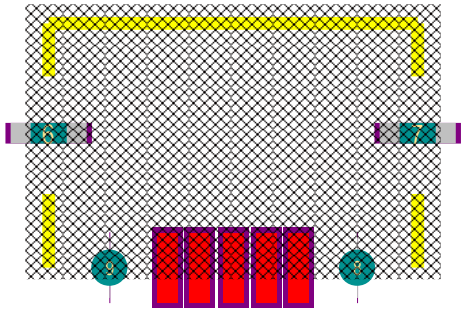
Library Reference	**USB_MICRO1**
Description	
Height	0mm
Dimension	10.003mm x 6.506mm
Number of Pads	9
Number of Primitives	19



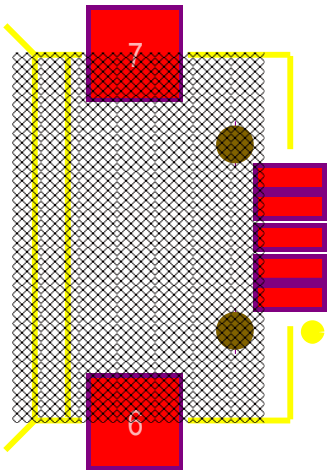
Library Reference	**USB_MICRO2**
Description	
Height	0mm
Dimension	9.653mm x 6.715mm
Number of Pads	9
Number of Primitives	19



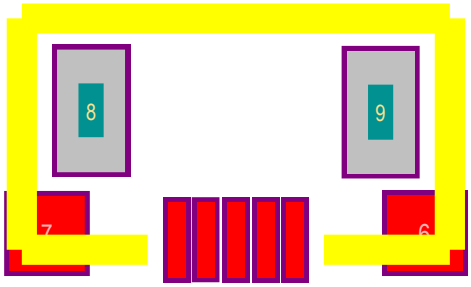
Library Reference	**USB_MICRO3**
Description	
Height	0mm
Dimension	9.653mm x 6.715mm
Number of Pads	9
Number of Primitives	19



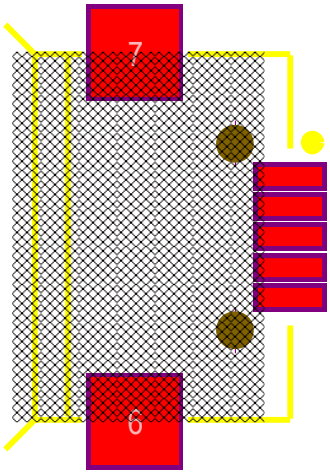
Library Reference	**USB_MICRO_5S_B**
Description	USB Micro SMT 5S B
Height	3mm
Dimension	8.968mm x 5.98mm
Number of Pads	9
Number of Primitives	15



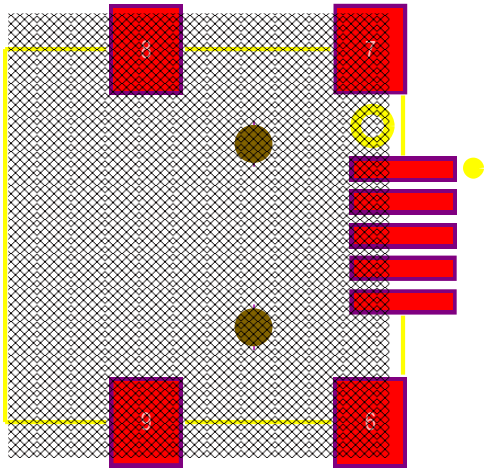
Library Reference	**USB_Micro_Reverse**
Description	Micro USB Dock 5 Pin Reverse
Height	3mm
Dimension	6.978mm x 10.003mm
Number of Pads	7
Number of Primitives	21



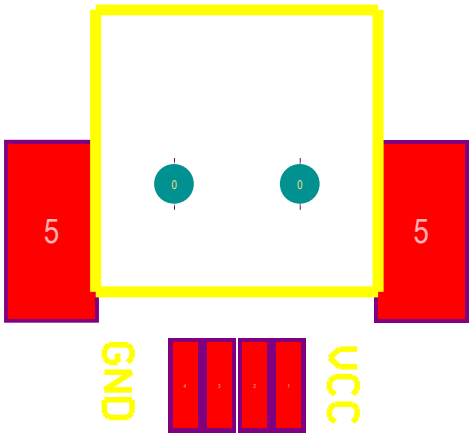
Library Reference	**USB_MICRO_SMT_2PIN**
Description	USB MICRO SMT 2PIN
Height	3mm
Dimension	9.323mm x 5.652mm
Number of Pads	9
Number of Primitives	14



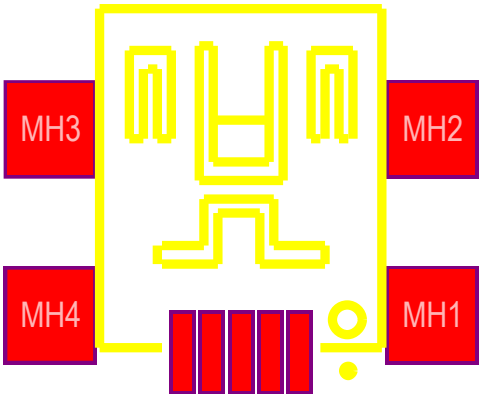
Library Reference	**USB_Micro_Standard**
Description	Micro USB Dock 5 Pin Standard
Height	3mm
Dimension	6.978mm x 10.003mm
Number of Pads	7
Number of Primitives	21



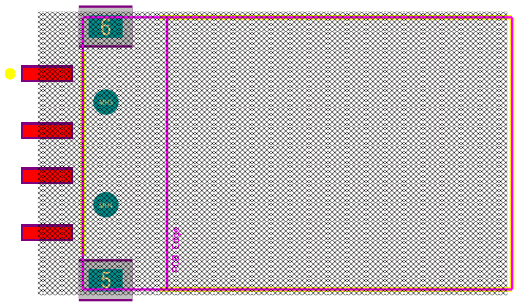
Library Reference	**USB_MINI1**
Description	USB Mini SMT
Height	5.08mm
Dimension	11.604mm x 11.203mm
Number of Pads	9
Number of Primitives	21



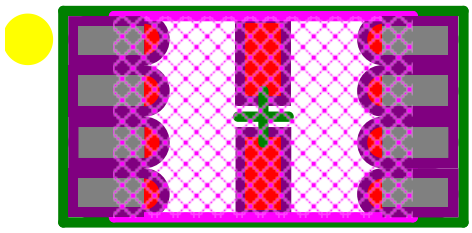
Library Reference	**USB_MINI2**
Description	USB Mini SMT
Height	5.08mm
Dimension	10.703mm x 9.879mm
Number of Pads	8
Number of Primitives	14



Library Reference	**USB_MINI3**
Description	USB Mini SMT
Height	5.08mm
Dimension	12.967mm x 10.672mm
Number of Pads	9
Number of Primitives	53



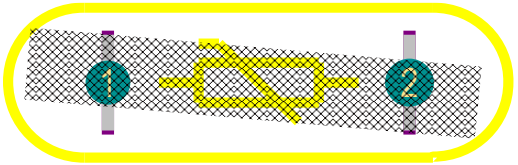
Library Reference	**USB_SM2.5_4H4**
Description	Connector; USB1.1, Type A, SM; 4 Position; Right Angle
Height	4.5mm
Dimension	22.45mm x 13.053mm
Number of Pads	8
Number of Primitives	20



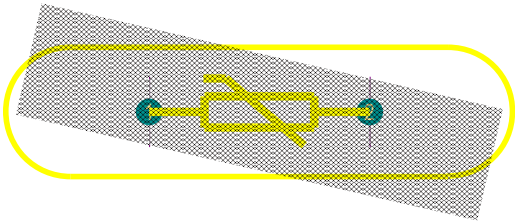
Library Reference	**USON-8N**
Description	
Height	0.6mm
Dimension	4.65mm x 2.2mm
Number of Pads	10
Number of Primitives	46

Library Reference	**VARISTOR**
Description	
Height	0mm
Dimension	25.781mm x 8.283mm
Number of Pads	2
Number of Primitives	6

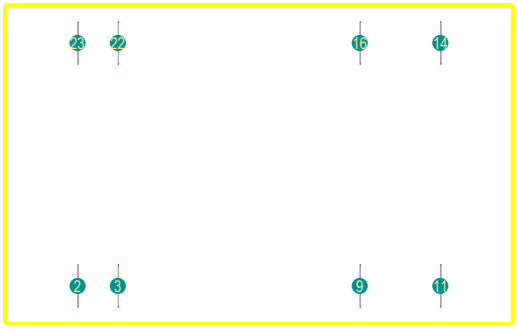
Library Reference	**VARISTOR - 14**
Description	
Height	0mm
Dimension	14.351mm x 7.783mm
Number of Pads	3
Number of Primitives	7



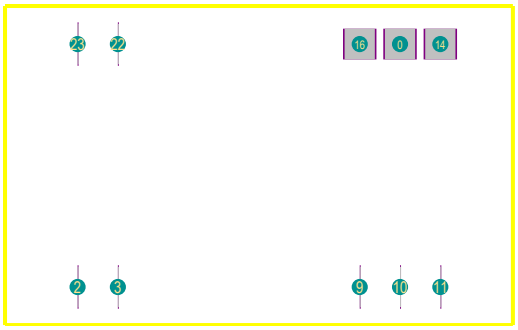
Library Reference	**VARISTOR_10MM**
Description	Varistor
Height	26mm
Dimension	12.754mm x 4.054mm
Number of Pads	2
Number of Primitives	15



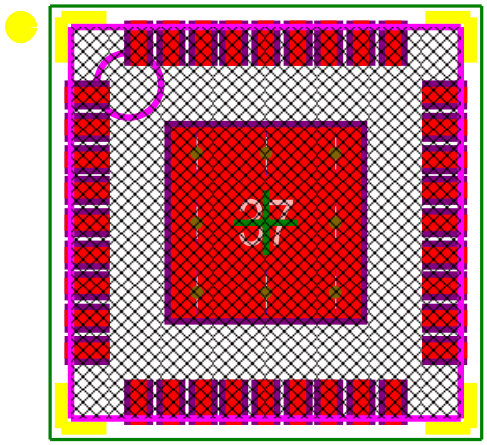
Library Reference	**VARISTOR_20MM**
Description	Varistor
Height	26mm
Dimension	23.254mm x 9.913mm
Number of Pads	2
Number of Primitives	15



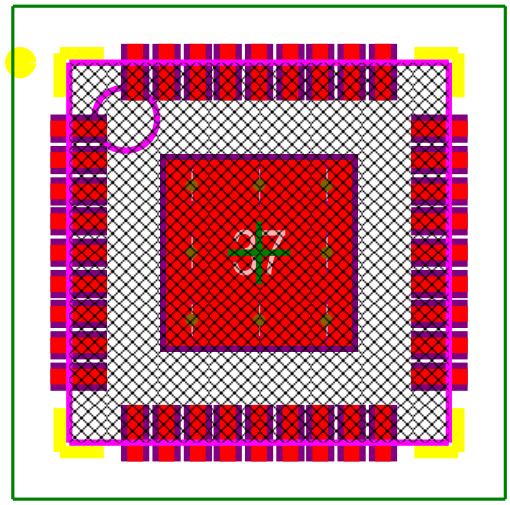
Library Reference	**VFA2415MP-6W**
Description	
Height	0mm
Dimension	32.254mm x 20.254mm
Number of Pads	8
Number of Primitives	12



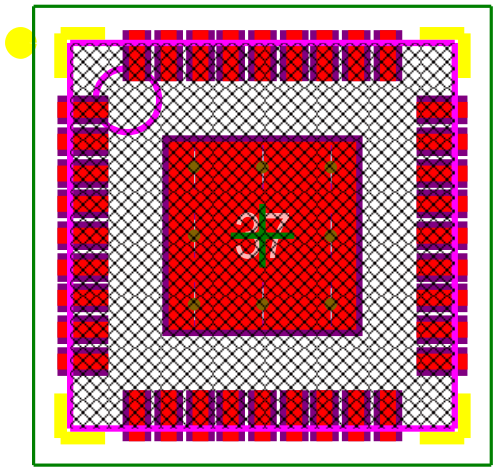
Library Reference	**vfb2405mp-6w**
Description	
Height	0mm
Dimension	32.254mm x 20.254mm
Number of Pads	10
Number of Primitives	14



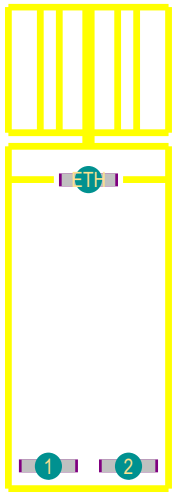
Library Reference	**VFQFPN36_L**
Description	QFN, 36-Leads, Body 6.13x6.13mm, Pitch 0.5mm, Thermal Pad 3x3mm, IPC High Density
Height	1mm
Dimension	7.54mm x 6.85mm
Number of Pads	37
Number of Primitives	67



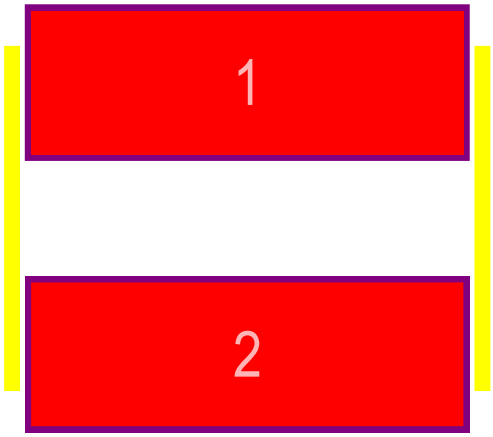
Library Reference	**VFQFPN36_M**
Description	QFN, 36-Leads, Body 6.13x6.13mm, Pitch 0.5mm, Thermal Pad 3x3mm, IPC Low Density
Height	1mm
Dimension	8.14mm x 8.05mm
Number of Pads	37
Number of Primitives	67



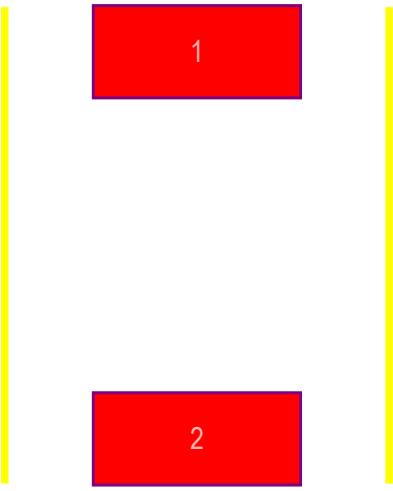
Library Reference	**VFQFPN36_N**
Description	QFN, 36-Leads, Body 6.13x6.13mm, Pitch 0.5mm, Thermal Pad 3x3mm, IPC Medium Density
Height	1mm
Dimension	7.79mm x 7.35mm
Number of Pads	37
Number of Primitives	67



Library Reference	**VIBRATOR**
Description	Vibrator
Height	6.3mm
Dimension	6.254mm x 18.629mm
Number of Pads	3
Number of Primitives	21

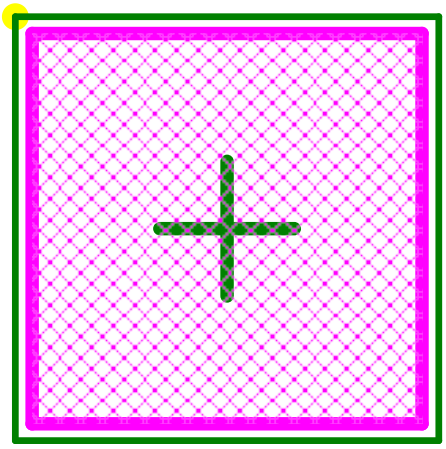


Library Reference	**VLCF5020-1**
Description	Inductor for Power Circuits
Height	2mm
Dimension	7.762mm x 6.803mm
Number of Pads	2
Number of Primitives	4

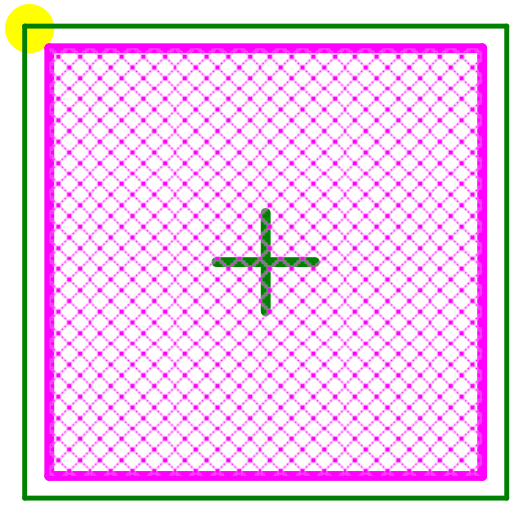


Library Reference	**VLCF5020-2**
Description	Inductor for Power Circuits
Height	2mm
Dimension	13.254mm x 16.254mm
Number of Pads	2
Number of Primitives	4

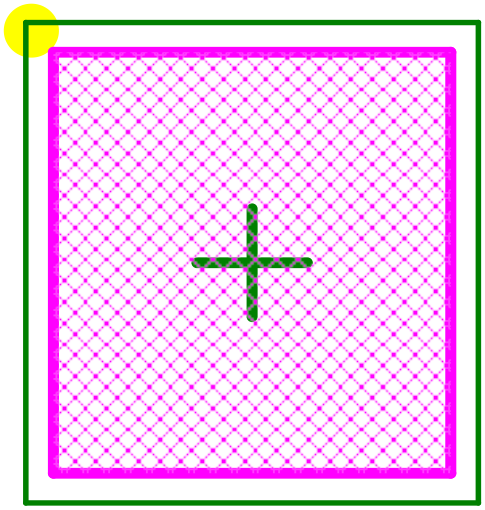
Library Reference	**VRB2405D-20W**
Description	Mornsun DC/DC Converter
Height	0mm
Dimension	51.054mm x 40.894mm
Number of Pads	7
Number of Primitives	11



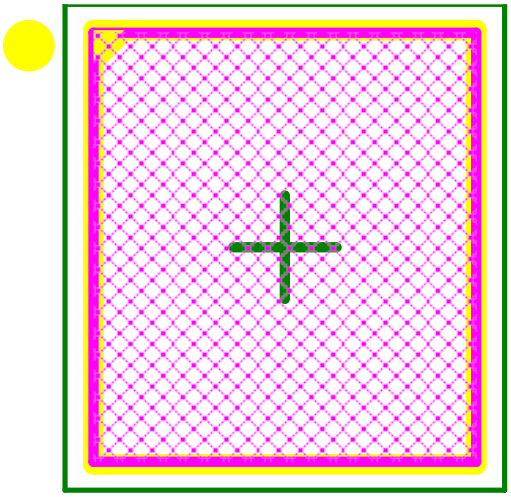
Library Reference	**WLCSP49**
Description	BGA, 49-Balls, Body 2.97x2.97mm, Pitch 0.4mm
Height	0.59mm
Dimension	3.315mm x 3.315mm
Number of Pads	49
Number of Primitives	61



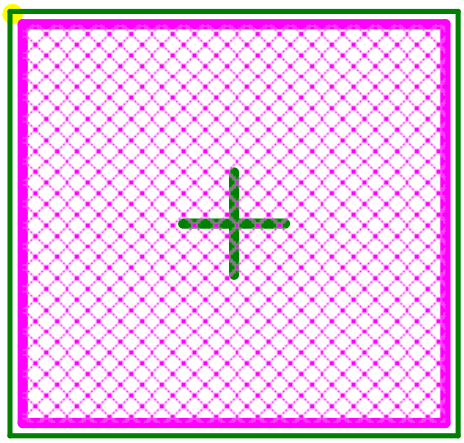
Library Reference	**WLCSP64**
Description	BGA, 64-Balls, Body 4.47x4.4mm, Pitch 0.5mm
Height	0.64mm
Dimension	5.22mm x 5.135mm
Number of Pads	64
Number of Primitives	76



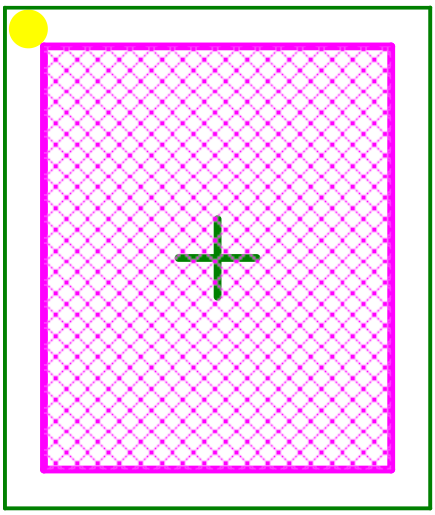
Library Reference	**WLCSP64+2**
Description	BGA, 66-Balls, Body 3.97x3.64mm, Pitch 0.4mm
Height	0.6mm
Dimension	4.38mm x 4.72mm
Number of Pads	66
Number of Primitives	78



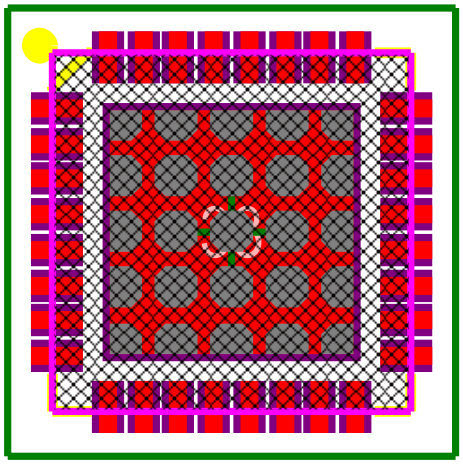
Library Reference	**WLCSP66**
Description	BGA, 66-Balls, Body 4.23x3.77mm, Pitch 0.4mm
Height	0.6mm
Dimension	4.95mm x 4.8mm
Number of Pads	66
Number of Primitives	84



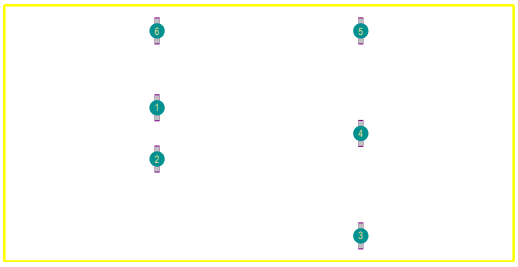
Library Reference	**WLCSP90**
Description	BGA, 90-Leads, Body 3.97x4.22mm, Pitch 0.4mm
Height	0.62mm
Dimension	4.556mm x 4.306mm
Number of Pads	90
Number of Primitives	102



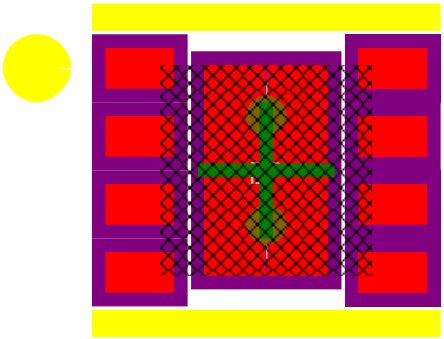
Library Reference	**WLCSP143**
Description	BGA, 143-Balls, Body 5.55x4.52mm, Pitch 0.4mm
Height	0.585mm
Dimension	5.6mm x 6.6mm
Number of Pads	143
Number of Primitives	155



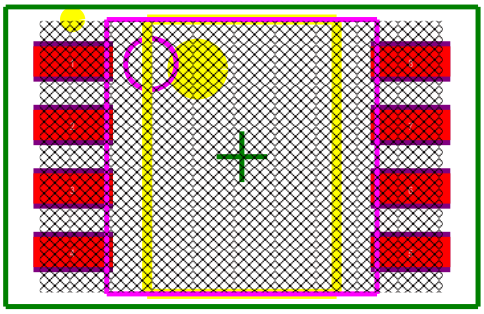
Library Reference	**WM8960GEFL**
Description	WM8960GEFL 32 PIN QFN PLASTIC PACKAGE 5 X 5 X 0.9 mm BODY, 0.50 mm LEAD PITCH
Height	0.9mm
Dimension	6.45mm x 6.45mm
Number of Pads	33
Number of Primitives	79



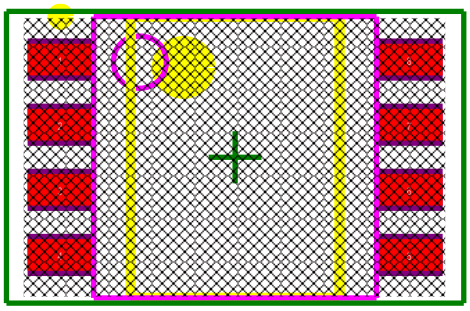
Library Reference	**WRB2405D-10W**
Description	Mornsun DC/DC Converter
Height	0mm
Dimension	51.054mm x 25.654mm
Number of Pads	6
Number of Primitives	10



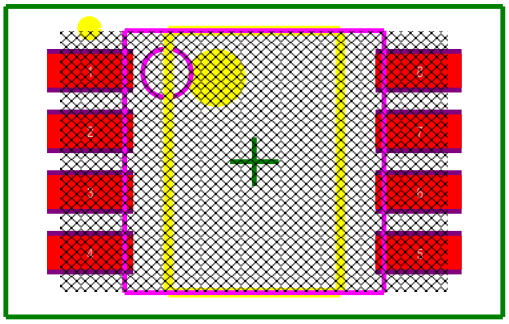
Library Reference	**WSON8**
Description	
Height	0mm
Dimension	3.352mm x 2.5mm
Number of Pads	9
Number of Primitives	17



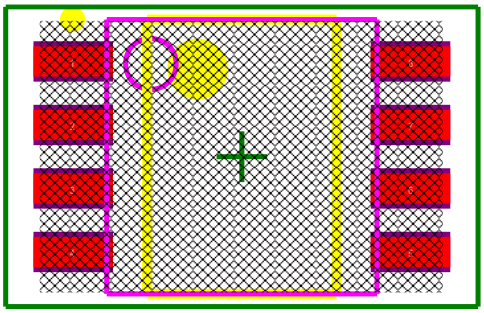
Library Reference	**WSOP-8**
Description	8-Pin Small Outline Package 1.27 mm Pitch, IPC Medium Density
Height	2.03mm
Dimension	9.6mm x 6.1mm
Number of Pads	8
Number of Primitives	26



Library Reference	**WSOP-8_L**
Description	8-Pin Small Outline Package 1.27 mm Pitch, IPC High Density
Height	2.03mm
Dimension	8.9mm x 5.905mm
Number of Pads	8
Number of Primitives	26

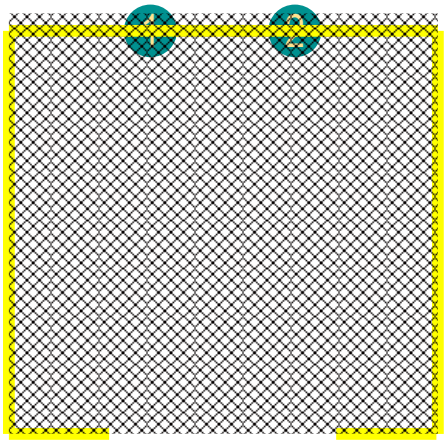


Library Reference	**WSOP-8_M**
Description	8-Pin Small Outline Package 1.27 mm Pitch, IPC Low Density
Height	2.03mm
Dimension	10.5mm x 6.6mm
Number of Pads	8
Number of Primitives	26

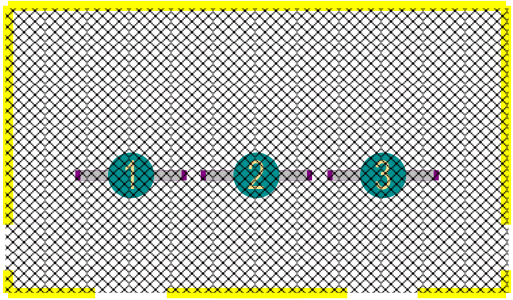


Library Reference	**WSOP-8_N**
Description	8-Pin Small Outline Package 1.27 mm Pitch, IPC Medium Density
Height	2.03mm
Dimension	9.6mm x 6.1mm
Number of Pads	8
Number of Primitives	26

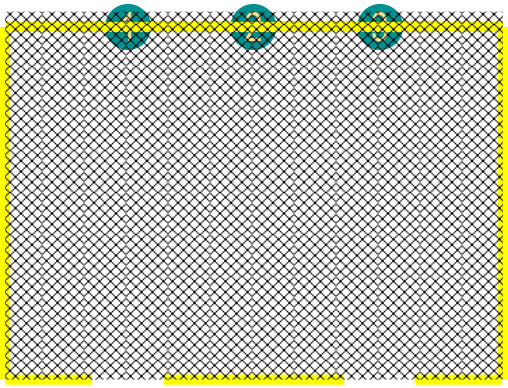
Library Reference	**XH02**
Description	XH Connector, Body 2.5 x 7.4 mm
Height	7mm
Dimension	7.6mm x 5.95mm
Number of Pads	2
Number of Primitives	10



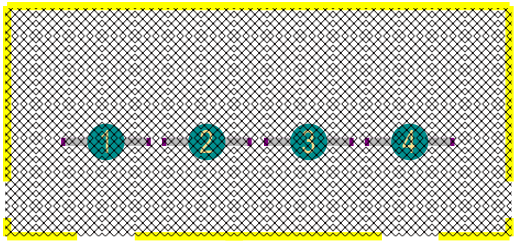
Library Reference	**XH02_R**
Description	XH Connector, Body 2.5 x 7.4 mm
Height	5.75mm
Dimension	7.6mm x 8.325mm
Number of Pads	2
Number of Primitives	12



Library Reference	**XH03**
Description	XH Connector, Body 5 x 9.9 mm
Height	7mm
Dimension	10.1mm x 5.95mm
Number of Pads	3
Number of Primitives	13

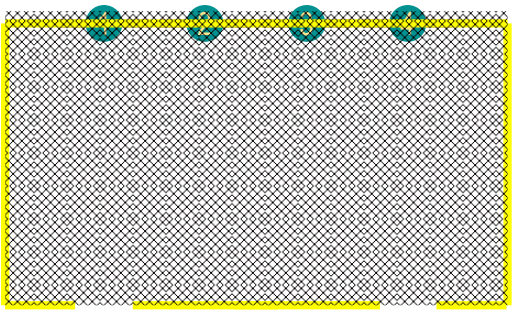


Library Reference	**XH03_R**
Description	XH Connector, Body 5 x 9.9 mm
Height	5.75mm
Dimension	10.1mm x 8.325mm
Number of Pads	3
Number of Primitives	18

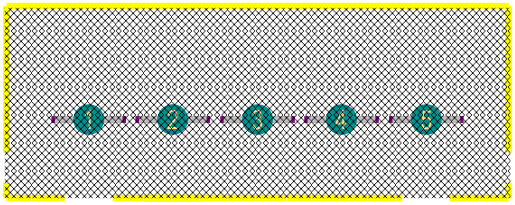


Library Reference	**XH04**
Description	XH Connector, Body 7.5 x 12.4 mm
Height	7mm
Dimension	12.6mm x 5.95mm
Number of Pads	4

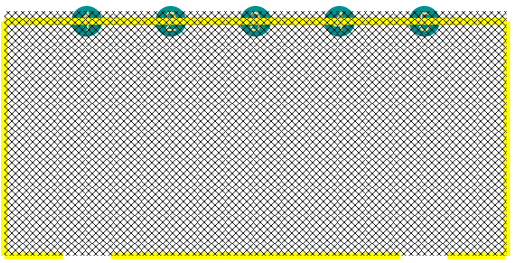
Number of Primitives	14



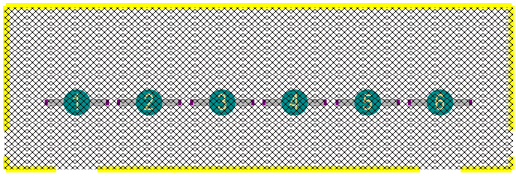
Library Reference	**XH04_R**
Description	XH Connector, Body 7.5 x 12.4 mm
Height	5.75mm
Dimension	12.6mm x 8.325mm
Number of Pads	4
Number of Primitives	32



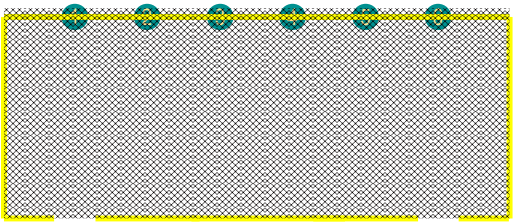
Library Reference	**XH05**
Description	XH Connector, Body 10 x 14.9 mm
Height	7mm
Dimension	15.1mm x 5.95mm
Number of Pads	5
Number of Primitives	16



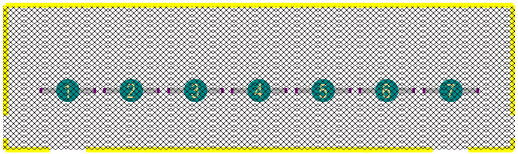
Library Reference	**XH05_R**
Description	XH Connector, Body 10 x 14.9 mm
Height	5.75mm
Dimension	15.1mm x 8.325mm
Number of Pads	5
Number of Primitives	34



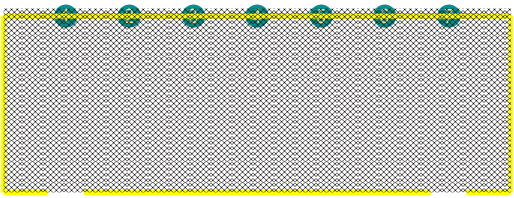
Library Reference	**XH06**
Description	XH Connector, Body 12.5 x 17.4 mm
Height	7mm
Dimension	17.6mm x 5.95mm
Number of Pads	6
Number of Primitives	16



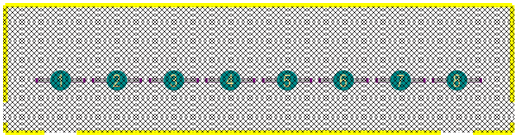
Library Reference	**XH06_R**
Description	XH Connector, Body 12.5 x 17.4 mm
Height	5.75mm
Dimension	17.6mm x 8.325mm
Number of Pads	6
Number of Primitives	37



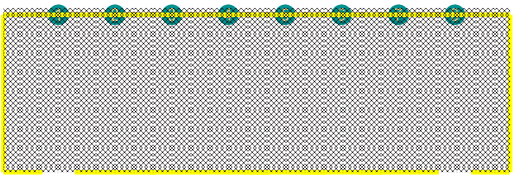
Library Reference	**XH07**
Description	XH Connector, Body 15 x 19.9 mm
Height	7mm
Dimension	20.1mm x 5.95mm
Number of Pads	7
Number of Primitives	18



Library Reference	**XH07_R**
Description	XH Connector, Body 15 x 19.9 mm
Height	5.75mm
Dimension	20.1mm x 8.325mm
Number of Pads	7
Number of Primitives	40

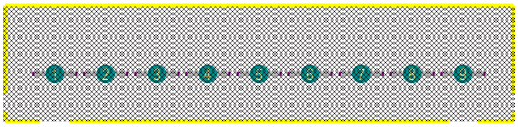


Library Reference	**XH08**
Description	XH Connector, Body 17.5 x 22.4 mm
Height	7mm
Dimension	22.6mm x 5.95mm
Number of Pads	8
Number of Primitives	19

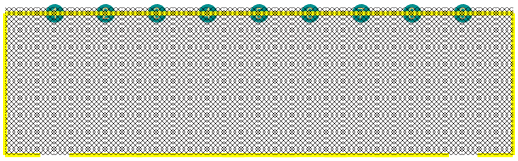


Library Reference	**XH08_R**
Description	XH Connector, Body 17.5 x 22.4 mm
Height	5.75mm
Dimension	22.6mm x 8.325mm

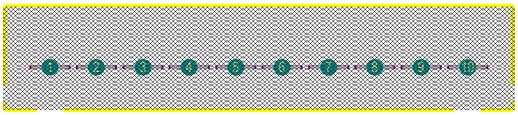
Number of Pads	8
Number of Primitives	58



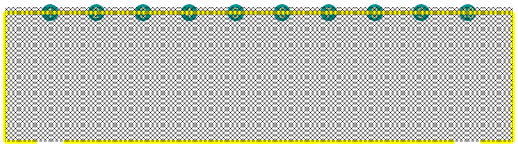
Library Reference	**XH09**
Description	XH Connector, Body 20 x 24.9 mm
Height	7mm
Dimension	25.1mm x 5.95mm
Number of Pads	9
Number of Primitives	20



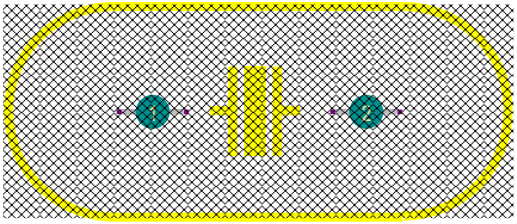
Library Reference	**XH09_R**
Description	XH Connector, Body 20 x 24.9 mm
Height	5.75mm
Dimension	25.1mm x 8.325mm
Number of Pads	9
Number of Primitives	61



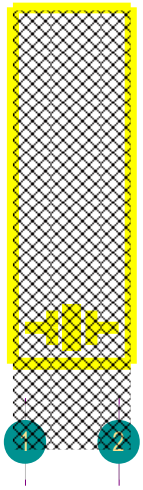
Library Reference	**XH10**
Description	XH Connector, Body 22.5 x 27.4 mm
Height	7mm
Dimension	27.6mm x 5.95mm
Number of Pads	10
Number of Primitives	21



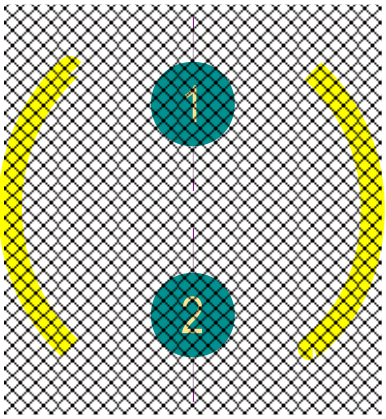
Library Reference	**XH10_R**
Description	XH Connector, Body 22.5 x 27.4 mm
Height	5.75mm
Dimension	27.6mm x 8.325mm
Number of Pads	10
Number of Primitives	64



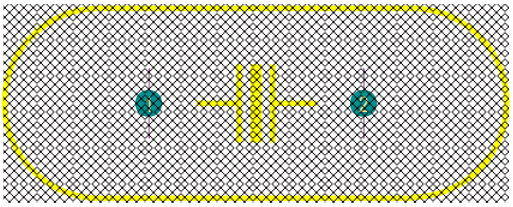
Library Reference	**XTAL_BIG**
Description	
Height	15mm
Dimension	11.35mm x 4.92mm
Number of Pads	2
Number of Primitives	12



Library Reference	**XTAL_RTC_H**
Description	
Height	6mm
Dimension	3.073mm x 7.887mm
Number of Pads	2
Number of Primitives	14

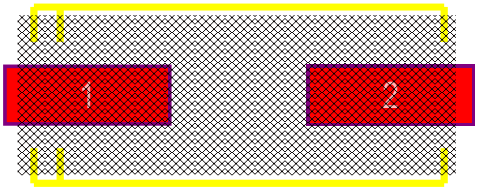


Library Reference	**XTAL_RTC_V**
Description	
Height	0mm
Dimension	3.3mm x 3.45mm
Number of Pads	2
Number of Primitives	5



Library Reference	**XTAL_Small**
Description	
Height	0mm
Dimension	11.557mm x 4.5mm

Number of Pads	2
Number of Primitives	12



Library Reference	**XTAL_SMD**
Description	
Height	0mm
Dimension	13.203mm x 5.2mm
Number of Pads	2
Number of Primitives	11