

## PCB Technical Specifications

ITEM		TECHNICAL PARAMETERS	
Min. Line Width		0.08mm	3 mil
Min. Spacing		0.08mm	3 mil
Min. Annular Ring Width		0.1mm	4 mil
Min. Hole Size		0.2mm	8 mil
Layers		1-20 layers	1-20 layers
Board Thickness	Double Sided	0.2mm - 3.0mm	8 mil – 118 mil
	Multilayer	0.45mm - 6.0mm	18 mil – 236 mil
Max Board Size	Double Sided	600 x 800 mm	23.6" x 31.4"
	Multilayer	550 x 800mm	21.6" x 31.4"
Hole Dia. Tolerance	PTH Hole	± 0.05mm	± 2 mil
	Non-PTH Hole	± 0.076mm	± 3 mil
Hole Position Tolerance		± 0.076mm	± 3 mil
Board Size Tolerance		± 0.13mm	± 5 mil
PTH Copper Thickness		± 0.025mm	± 1 mil
Isolation Resistance		1012Ω Normal	1012Ω Normal
Peel-Off Strength		1.4N/mm	1.4N/mm
Thermal Shock		260°C 20 Seconds	260°C 20 Seconds
Soldermask Abrasion		≥ 6H	≥ 6H
Flammability		94V-0	94V-0
E-Test Voltage		10V - 250V	10V - 250V
Bow/Twist		≤ 1%	≤ 1%
Quality Standards		GB4588.2; GB4588.4; IPC600E	GB4588.2; GB4588.4; IPC600E