

Item	Specs	PCB Capability
1	Material	FR4, High TG FR4, High Frequency, Alum, FPC
2	Number of Layer	1-28L
3	Surface Finish	Hasl-LF, ENIG, Immersion Tin, OSP, Gold Plating..
4	Finished Board Thickness	0.2mm-6mm (8mil-126mil)
5	Copper Tickness	Min: 1-2oz, Max: 12oz
6	Solder Mask	Green/Black/White/Red/Blue/Yellow
7	Min.Trace Width & Line Spacking	0.075/0.1mm (3mil/4mil)
8	Min.Hole Diameter for CNC Drilling	0.1mm (4mil)
9	Min. Hole Diamter for punching	0.9mm (35mil)
10	Biggest panel size	610mm*508mm
11	Hole Position/Tolerance	+ -0.075mm CNC Drilling
12	Conductor Width	0.05mm (2mil) or + -20% of original artwork
13	Hole Diameter	PTH L: + -0.075MM(3mil) , N-PTH L: + -0.05MM (2mil)
14	Outline Tolerance	0.125mm CNC Routing, + -0.15mm by Punching
15	Warp &Twist	0.70%
16	Insulation Resistance	10K OHM-20MOHM
17	Conductivity	<50 OHM
18	Test Voltage	10-300V
19	Panel Size	Min: 110*100mm, Max: 600*600mm
20	PCB Testing	E-testing, Flying Probe Testing
21	Layer-layer misregistration	4 Layers: 0.15mm Max, 6 Layers: 0.25mm Max
22	Board thickness tolerance	4 Layers: + -0.13mm 6 Layers: + -0.15mm
23	Impedance Control	+ -10%
24	Different Impendance	+ -10%