

Your boards will be shipped to you after ISO certified inspected.



Physical Characteristics		
Characteristic	Metric	English
Max Board Size		
1 layer:	580 x 1500	22.75 x 59.00
2 layer:	580 x 1200	22.75 x 47.25
4 to 14 layer:	580 x 900	22.75 x 35.25
16 to 26 layer:	580 x 680	22.75 x 26.75
Board Thickness		
	0.05~0.25mm (FPCB)	
	0.20~3.2mm (RPCB)	
Min Board Thick @		
4 layers:	0.38mm	15 mils
6 layers:	0.55mm	22 mils
8 layers:	0.80mm	32 mils
10 layers:	1.00mm	40 mils
Min Line Width/Space	0.10mm	4 mils
Min Hole Diameter	0.15mm	6 mils
Aspect Ratio	10:1	
V-cut	30°/45°	
Laser drilling		
Scoring/routing/punching		
Blind and buried vias		
Bend-flex		
Flex		
Rigid		
Single side		
Double side		

Materials
Standard FR-4
Tg 180
Tg 170
Rodgers
Aluminum
Polyimide
High-Frequency

Surface	
Characteristic	Spec
Copper thickness max	4 oz/sq. ft. (external)
Max Au ENIG	3u"
Max Au Finger	50u"
Min Bridge SM Width	5 mils
Types:	RoHS
	HAL
	ENIG
	Imm Ag

Tolerance		
Characteristic	Metric	English
Hole Position Deviation	±0.075mm	3 mils
PTH hole dia. Tolerance	±0.05mm	2 mils
NPTH hole dia. Tolerance	±0.03mm	1.5mils
Impedance Cntrl. Tolerance	±5% (≤50Ω)	
	±10% (>50Ω)	
Board Thickness Tolerance	±10% (>1.0mm)	
	±8% (<1.0mm)	