

Fastline Circuits Co., Limited

PCB Manufacture Capability

Item	Manufacture Capability
Layers	1-26 Layers
Material Types	Fr-4, Fr-5, High-Tg, Halogen Free, Rogers, Isola, Taconic, Arlon Teflon, Aluminum Based, Copper Based PCB
Max. Panel Dimension	39000mil * 47000mil / 1000mm * 1200mm
Outline Tolerance	± 4mil ± 0.10mm
Board Thickness	8mil-236mil
Board Thickness Tolerance	mil-236mil / 0.2mm-6.0mm
Board Thickness Tolerance	± 10%
Dielectric Thickness	3mil-8mil / 0.075mm-0.20mm
Min. Track Width	3mil / 0.075mm
Min. Track Space	3mil / 0.075mm
External Cu Thickness	HOZ-6OZ / 17um~210um
Internal Cu Thickness	HOZ-6OZ / 17um~210um
Drilling Bit Size (CNC)	6mil-256mil / 0.15mm-6.50mm
Finished Hole Dimension	4mil-236mil / 0.1mm_6.0mm
Hole Tolerance	± 2mil / ± 0.05mm
Hole Position Tolerance	± 2mil / ± 0.05mm
Laser Drilling Hole Size	4mil / 0.1mm
Aspect Ration	12:01
Solder Mask	Green, Blue, White, Black, Red, Yellow, Purple, etc.
Min Solder mask Bridge	2mil / 0.050mm
Plugged Hole Diameter	8mil-20mil/ 0.20mm-0.50mm
Impedance Control V-scoring	Min ±5%, General ±10%
Surface Finishing	HASL, HASL(lead Free), Immersion Gold, Immersion Tin, Immersion Silver, OSP, Hard Gold(up to 100u")