

PCB INTERNATIONAL FLEX CIRCUIT BOARD Capabilities

ITEM	Mil	mm
MULTI-LAYER FLEX CIRCUITS		
Maximum Board Size	19.68" x 13.38"	500 x 340 mm
Maximum Board Thickness	0.0945"	2.4 mm
Minimum Board Thickness	0.0315"	0.8 mm
Maximum Number of Layers	16-layers	
Minimum PTH (Plated Thru Hole) diameter	0.0079"	0.2 mm
Maximum aspect ratio	10:1 (max. thickness 0.0066", min. PTH 0.0079")	10:1 (max. thickness 2mm, min. PTH 0.2 mm)
Minimum Traces/Spaces	0.003" / 0.003"	75 / 75 μ m
SURFACE FINISHES TYPES		
Lead Solder (HASL)	Immersion Silver	
Lead Free Solder (HASL)	Electrolysis gold plating	
Immersion Gold (Electroless Nickel Gold - ENIG)	Immersion Tin (White Tin)	
OSP (Entek)		
STIFFNERS		
Epoxy Glass	Aluminum	
Polymide	Stainless Steel	
MATERIAL		
FR-4	Polyimide	
FR-5	BT	
Teflon	Aluminum	
For other material options please contact us		