



## Production Capability

### General Manufacturing

Items	Descriptions
File format	Standard GERBER RS-274X Standard GERBER RS-274D+APR file General CAD PCB Design format,General DXF file Exelon Format for NC Drill file
PCB Type	Single size Double size (Plate through hole)
Min volume	1 Pcs

### Base material

Item	Descriptions		
Type	FR1	CEM1	FR4
PCB Type	SS	SS	SS/DS(pth)
Material thickness (mm)	0.8,1.0 1.2,1.6	1.2,1.6	0.8,1.0,1.2 1.6,2.0,2.4
Copper thickness (Oz)	1.0	1.0	0.5,1.0,2.0

### Specification

Item	Descriptions
PCB size (inch)	0.5 x 0.5 ( Minimum board size) 12.0 x 16.0 ( Standard size) 8.0 x 11.0 ( Multi form PCB) Approx 12.0 x 20.0 (Special size of Single form)
Min track width(Min)	0.2mm( 8mils) +0/-0.05mm
Min hole size (Min)	NPTH =0.4mm(16 mils) PTH Finished=0.35mm(14mils)
Min slot hole size(Min)	NPTH =1.0mm(40 mils) PTH Finished=0.95mm(38mils)
Min annular ring(Min)	0.254mm(10 mils) +0/-0.05mm
Min clearance	
Trace to Track	0.2mm(8mils) +0/-0.05
Trace to Pad	0.2mm(8mils) +0/-0.05
Pad to Pad	0.2mm(8mils) +0/-0.05
Trace to Via	0.2mm(8mils) +0/-0.05
Pad to Via	0.2mm(8mils) +0/-0.05
Via to via	0.2mm(8mils) +0/-0.05
Text silk screen height	Min 0.9mm(36mils)
Text silk screen width	Min 0.2mm(8mils)
Solder mask color	Green, Black, White, Blue, Red,
Silk screen component marking color	White, Black, Yellow
Surface finished	Flux, Hasl(pb), Gold plate , Gold finger, OSP(pb free)
Board outline cutting	CNC Routing, V-Score cutting