

PCB Specifications: Size:

- 100.0x50.0 mm

Class: 4A

Track width: ≥ 0.4 mm

Insulation distance: ≥ 0.2 mm

Minimum drill size: ≥ 0.9 mm (finished metalized hole: 0.8 mm)

Minimum slot width: $\geq N/A$ mm

Ring collar: ≥ 0.22 mm

Stackup:

Name	Type	Color	Thickness [μm]	Material	Er	Loss tan
F.SilkS	Top Silk Screen					
F.Paste	Top Solder Paste					
F.Mask	Top Solder Mask		10			
F.Cu	copper		35			
dielectric 1	prepreg		100	FR4	4.5	0.020
In1.Cu	copper		35			
dielectric 2	core		112	FR4	4.5	0.020
In2.Cu	copper		35			
dielectric 3	prepreg		100	FR4	4.5	0.020
In3.Cu	copper		35			
dielectric 4	core		112	FR4	4.5	0.020
In4.Cu	copper		35			
dielectric 5	prepreg		100	FR4	4.5	0.020
In5.Cu	copper		35			
dielectric 6	core		112	FR4	4.5	0.020
In6.Cu	copper		35			
dielectric 7	prepreg		100	FR4	4.5	0.020
In7.Cu	copper		35			
dielectric 8	core		112	FR4	4.5	0.020
In8.Cu	copper		35			
dielectric 9	prepreg		100	FR4	4.5	0.020
In9.Cu	copper		35			
dielectric 10	core		112	FR4	4.5	0.020
In10.Cu	copper		35			

Name	Type	Color	Thickness [μm]	Material	Er	Loss tan
dielectric 11	prepreg		100	FR4	4.5	0.020
B.Cu	copper		35			
B.Mask	Bottom Solder Mask		10			
B.Paste	Bottom Solder Paste					
B.SilkS	Bottom Silk Screen					

Materials:

- FR4, 1.6 mm
- None
- 12 layers
- 35 μm copper thickness

Solder mask:

- TOP / BOTTOM
- Green

Marking:

- TOP / BOTTOM screen printing
- Silk: White

Other markings:

- ROHS / UL / Date - Yes if available