

PCB Specifications: Size:

- 100.0x50.0 mm

Class: 8B

Track width: ≥ 0.38 mm

Insulation distance: ≥ 0.25 mm

Minimum drill size: ≥ 0.45 mm (finished metalized hole: 0.33 mm)

Minimum slot width: ≥ 0.8 mm

Ring collar: ≥ 0.12 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 | core | | 1510 | 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
- 2 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