

| Layer | Name | Material | Thickness | Constant | Board Layer Stack |
|-------|----------------|----------|-----------|----------|-------------------|
| | Top Overlay | | | | |
| | Top Solder | SM-001 | 0.025mm | 4 | |
| 1 | Top Layer | CF-004 | 0.035mm | | |
| | Dielectric 1 | 7628*1 | 0.210mm | 4.05 | |
| 2 | L02_GND | CF-004 | 0.015mm | | |
| | Dielectric 2 | Core | 0.400mm | 4.05 | |
| 3 | L03_GND | CF-004 | 0.015mm | | |
| | Dielectric 3 | 7628*1 | 0.210mm | 4.05 | |
| 4 | Bottom Layer | CF-004 | 0.035mm | | |
| | Bottom Solder | SM-001 | 0.025mm | 4 | |
| | Bottom Overlay | | | | |

Total board thickness:

0.970mm

| | IMPE | DANCE | | | |
|---------|------------|---------|-----------|----------|--|
| LAYER | SINGLE END | DIFF | | SPACE | |
| L1 & L4 | | 100 OHM | 7.55 MILS | 7.0 MILS | |

| | Symbol | Count | Hole Size | Plated | Hole Type | Drill Layer Pair | Via/Pad |
|---|--------|-----------|---------------------|--------|-----------|--------------------------|---------|
| ſ | A | 205 | 0.203mm (8.00mil) | PTH | Round | Top Layer - Bottom Layer | Via |
| | В | 2 | 1.020mm (40.16mil) | NPTH | Round | Top Layer - Bottom Layer | Pad |
| | С | 2 | 3.000mm (118.11mil) | NPTH | Round | Top Layer - Bottom Layer | Pad |
| | | 209 Total | | | | | |

BOARD OUTLINE