
1. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. ALL MODIFICATIONS ARE TO BE PERFORMED TO THE ORIGINAL DATABASE ON FILE.

2. THIS IS A REDUCED DIMENSION DRAWING. ADDITIONAL DIMENSIONS NEEDED TO DEFINE THE TRUE PROFILES OF THIS PART SHALL BE OBTAINED FROM THE MASTER CAD MODEL DATABASE NAMED 20019303_A-CAM.ZIP. DIMENSIONS AND TOLERANCES SHALL BE INTERPRETED PER ASME Y14.5M.

MATERIAL: 1 OZ COPPER CLAD, SINGLE SIDED, 1.5 mm THICK EPOXY/WOVEN GLASS LAMINATE PER IPC-4101/L 26-1500-C1/O

FABRICATE AND INSPECT PRINTED WIRING BOARD PER IPC-6012D, CLASS 2, TYPE 1.

APPLY SOLDER MASK, ITEM 3, TO TOP ONLY, OVER BARE COPPER, COMPONENT PADS TO BE FREE FROM BLEEDING OR MISREGISTRATION.

AFTER APPLICATION OF SOLDER MASK, PLATE ALL EXPOSED COPPER WITH HASL.

LEGEND OVER SOLDER MASK ON TOP SIDE OF PWB ONLY USING WHITE EPOXY INK, ITEM 4. LEGEND MARKING SHALL NOT BE NEAKER THAN 0.127 mm TO ANY PAD. CHARACTER HEIGHT SHALL BE 0.75 mm MINIMUM.

ELECTRICAL TEST: CONTINUITY SHORT AND OPEN TESTING ON ALL AVAILABLE EXPOSED TERMINAL PADS USING IPC-D-356A NETLIST DATA. CONTINUITY TEST SHALL BE AT 5 OHMS MAX. SHORTS TESTING SHALL BE PERFORMED AT 250V. MINIMUM ISOLATION OF 100M OHMS.

MAXIMUM BOW AND TWIST SHALL NOT EXCEED 0.75%.
<table>
<thead>
<tr>
<th>Material</th>
<th>Layer</th>
<th>Thickness</th>
<th>Dielectric Material</th>
<th>Type</th>
<th>Gerber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>Top Layer</td>
<td>0.035mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface</td>
<td>Top Solder</td>
<td>0.010mm</td>
<td>Solder Resist</td>
<td>Solder Mask</td>
<td>GTS</td>
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<td>Top Overlay</td>
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Layer Stack Legend

Copper Top Layer 0.035mm
Fr-4 Dielectric

Total thickness: 1.545mm
MECHANICAL DIMENSIONS (Scale 2:1)

2X Ø3.50mm

12.0mm
6.0mm
0.0mm
0.0mm
3.0mm
40.5mm
57.0mm

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