
2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. ALL MODIFICATIONS ARE TO BE PERFORMED TO THE ORIGINAL DATABASE ON FILE IN SECTION 383.

3. 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 10398570_A.ZIP.

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

5. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.

6. MATERIAL: ISOLA 370HR, 1 OZ COPPER CLAD, DOUBLE SIDED, 1.016 mm THICK EPOXY/WOVEN GLASS LAMINATE PER IPC-4101/L 126-1016-C1/C1

7. MATERIAL: 0.185 mm THICK EPOXY/WOVEN GLASS PREPREG PER IPC-4101/P 126-E2116 TW RE VC

8. MATERIAL: 1 OZ. COPPER FOIL PER IPC 4562/3 CU E3 1 S XS 3

9. SURFACE FINISH TO BE ELECTROLESS NICKEL / IMMERSION GOLD (ENIG) PLATING PER IPC-6013. ALL PLATED HOLES AND CONDUCTIVE SURFACES SHALL NOT VARY MORE THAN THE SMALLER OF 0.051 mm OR 10% OF THE TRACE WIDTH FROM THE GERBER DATA.

10. ALL HOLES SPECIFIED IN THE DRILL CHART ARE FINISHED HOLE DIAMETERS. HOLE TOLERANCE +/- 0.051 mm FOR NON-PLATED HOLES AND +/- 0.076 mm FOR PLATED HOLES.

11. 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 20M OHMS.

12. MARK IN LOCATION SHOWN WITH 1.0 mm MINIMUM HIGH CHARACTERS THE SERIAL NUMBER "NXXXXX" (WHERE N IS A VENDOR DESIGNATION LETTER ASSIGNED BY JPL AND XXXXX IS A UNIQUE 5 DIGIT SERIAL NUMBER FOR EACH PART. THE VENDOR DESIGNATION AND THE STARTING SERIAL NUMBER SHALL BE IN ACCORDANCE WITH THE VALUES PROVIDED IN THE PURCHASE ORDER)

NOTES: UNLESS OTHERWISE SPECIFIED


2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. ALL MODIFICATIONS ARE TO BE PERFORMED TO THE ORIGINAL DATABASE ON FILE IN SECTION 383.

3. 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 10398570_A.ZIP.

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

5. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.

6. MATERIAL: ISOLA 370HR, 1 OZ COPPER CLAD, DOUBLE SIDED, 1.016 mm THICK EPOXY/WOVEN GLASS LAMINATE PER IPC-4101/L 126-1016-C1/C1

7. MATERIAL: 0.185 mm THICK EPOXY/WOVEN GLASS PREPREG PER IPC-4101/P 126-E2116 TW RE VC

8. MATERIAL: 1 OZ. COPPER FOIL PER IPC 4562/3 CU E3 1 S XS 3

9. SURFACE FINISH TO BE ELECTROLESS NICKEL / IMMERSION GOLD (ENIG) PLATING PER IPC-6013. ALL PLATED HOLES AND CONDUCTIVE SURFACES SHALL NOT VARY MORE THAN THE SMALLER OF 0.051 mm OR 10% OF THE TRACE WIDTH FROM THE GERBER DATA.

10. ALL HOLES SPECIFIED IN THE DRILL CHART ARE FINISHED HOLE DIAMETERS. HOLE TOLERANCE +/- 0.051 mm FOR NON-PLATED HOLES AND +/- 0.076 mm FOR PLATED HOLES.

11. 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 20M OHMS.

12. MARK IN LOCATION SHOWN WITH 1.0 mm MINIMUM HIGH CHARACTERS THE SERIAL NUMBER "NXXXXX" (WHERE N IS A VENDOR DESIGNATION LETTER ASSIGNED BY JPL AND XXXXX IS A UNIQUE 5 DIGIT SERIAL NUMBER FOR EACH PART. THE VENDOR DESIGNATION AND THE STARTING SERIAL NUMBER SHALL BE IN ACCORDANCE WITH THE VALUES PROVIDED IN THE PURCHASE ORDER)

NOTES: UNLESS OTHERWISE SPECIFIED


2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. ALL MODIFICATIONS ARE TO BE PERFORMED TO THE ORIGINAL DATABASE ON FILE IN SECTION 383.

3. 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 10398570_A.ZIP.

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

5. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.

6. MATERIAL: ISOLA 370HR, 1 OZ COPPER CLAD, DOUBLE SIDED, 1.016 mm THICK EPOXY/WOVEN GLASS LAMINATE PER IPC-4101/L 126-1016-C1/C1

7. MATERIAL: 0.185 mm THICK EPOXY/WOVEN GLASS PREPREG PER IPC-4101/P 126-E2116 TW RE VC.

8. MATERIAL: 1 OZ. COPPER FOIL PER IPC 4562/3 CU E3 1 S XS 3

9. SURFACE FINISH TO BE ELECTROLESS NICKEL / IMMERSION GOLD (ENIG) PLATING PER IPC-6013. ALL PLATED HOLES AND CONDUCTIVE SURFACES SHALL NOT VARY MORE THAN THE SMALLER OF 0.051 mm OR 10% OF THE TRACE WIDTH FROM THE GERBER DATA.

10. ALL HOLES SPECIFIED IN THE DRILL CHART ARE FINISHED HOLE DIAMETERS. HOLE TOLERANCE +/- 0.051 mm FOR NON-PLATED HOLES AND +/- 0.076 mm FOR PLATED HOLES.

11. 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 20M OHMS.

12. MARK IN LOCATION SHOWN WITH 1.0 mm MINIMUM HIGH CHARACTERS THE SERIAL NUMBER "NXXXXX" (WHERE N IS A VENDOR DESIGNATION LETTER ASSIGNED BY JPL AND XXXXX IS A UNIQUE 5 DIGIT SERIAL NUMBER FOR EACH PART. THE VENDOR DESIGNATION AND THE STARTING SERIAL NUMBER SHALL BE IN ACCORDANCE WITH THE VALUES PROVIDED IN THE PURCHASE ORDER)
Drill Drawing View (Scale 1:1)

Drill Table

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Count</th>
<th>Hole Size</th>
<th>Plated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>0.200mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>140</td>
<td>0.310mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>0.375mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>0.500mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>0.700mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>0.900mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>142</td>
<td>0.910mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>138</td>
<td>1.020mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>1.100mm</td>
<td>Plated</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3.048mm</td>
<td>Non-Plated</td>
</tr>
<tr>
<td></td>
<td>584</td>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>