NOTES: UNLESS OTHERWISEpecified

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. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
4. 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 10398459-A.2P. DIMENSIONS AND TOLERANCES SHALL BE INTERPRETED PER ASME Y14.5m.
5. FABRICATE AND INSPECT PRINTED WIRING BOARD PER IPC-4101/D, CLASS 2, TYPE 3.

MATERIAL: ISOLA 370HR, 1 OZ COPPER CLAD, DOUBLE SIDED, 12 mm THICK EPOXY/WOVEN GLASS LAMINATE PER IPC-4101/D, 26-1200/C1/C1

MATERIAL: 0.043 mm THICK EPOXY/WOVEN GLASS PREPEG PER IPC-4101/D, 26-1207B, TW REV VC

MATERIAL: 0.100 mm COPPER FOIL PER IPC 4542/3, E3 15 KS 3

9. SURFACE FINISH TO BE ELECTROLESS NICKEL / WAXERON GOLD (ENH) PLATING PER IPC-4101/D. ALL PLATED HOLES AND CONDUCTIVE SURFACES SHALL BE PLATED WITH 0.025 mm COPPER MINIMUM. ALL Ni/Au PLATED AREA SHOULD HAVE MINIMUM THICKNESS OF 0.0025 mm FOR Ni AND 51 um for Au.

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. FABRICATION TOLERANCES: END PRODUCT TRACES WIDTHS AND LANDS SHALL NOT VARY MORE THAN THE SMALLER OF 0.051 mm OR 10% OF THE TRACE WIDTH FROM THE GERBER DATA.

SOLDERMASK: PHOTO-IMAGED LIQUID POLYMER, GREEN COLOR, ITEM 4, ON BOTH SIDES OF BOARD IN ACCORDANCE WITH IPC-SM-840, TYPE B, CLASS 2, OVER BARE COPPER.

12. LEGEND OVER SOLDER MASK: ON BOTH SIDES OF PWB USING WHITE NON-CONDUCTIVE EPOXY INK, ITEM 4. LEGEND MARKING SHALL NOT BE NEARER THAN 0.127 mm TO ANY PAD. CHARACTER HEIGHT SHALL BE 0.75 mm MINIMUM.

13. BOW AND TWIST: SHALL NOT EXCEED 0.07 mm/C M.

14. ELECTRICAL TEST: CONTINUITY SHORT AND OPEN TESTING ON ALL 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.

MARK IN LOCATION SHOWN WITH 1.0 MINIMUM HIGH CHARACTERS THE SERIAL NUMBER "NXXXX" (WHERE N IS A VENDOR DESIGNATION LETTER ASSIGNED BY TMT AND XXXX 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).
**LAYER STACK LEGEND**

1. **Core**  
   - Layer: Internal Plane 1  
   - Thickness: 0.04mm  
   - Dielectric Material: 370HR  
   - Type: Internal Plane  
   - Gerber: GP1

2. **Prepreg**  
   - Thickness: 0.13mm

3. **Copper**  
   - Layer: Internal Plane 2  
   - Thickness: 0.04mm  
   - Dielectric Material: 370HR  
   - Type: Internal Plane  
   - Gerber: GP2

4. **Surface Material**  
   - Layer: Top Solder  
   - Thickness: 0.01mm  
   - Type: Solder Resist  
   - Gerber: GTS

5. **Top Overlay**  
   - Type: Legend  
   - Gerber: GTO

**Copper**  
- Top Layer  
- Thickness: 0.04mm

**Prepreg**  
- Thickness: 0.13mm

**Surface Material**  
- Layer: Bottom Solder  
- Thickness: 0.01mm  
- Type: Solder Resist  
- Gerber: GBS

**Bottom Overlay**  
- Type: Legend  
- Gerber: GBO

**Total thickness:** 1.62mm
MECHANICAL DIMENSIONS (SCALE 2:1)

- 2X Ø2.70mm
- Ø6.00mm

TOP VIEW (Scale 2:1)

DRILL DRAWING VIEW (SCALE 2:1)

- 18
- 8
- 16
- 2
- 2
- 1

DRILL TABLE

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<td>6.00mm</td>
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</tbody>
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-1 CONFIGURATION

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MECHANICAL DIMENSIONS (SCALE 2:1)

-2 CONFIGURATION

TOP VIEW (SCALE 2:1)

DRILL DRAWING VIEW (SCALE 2:1)

DRILL TABLE

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47 Total