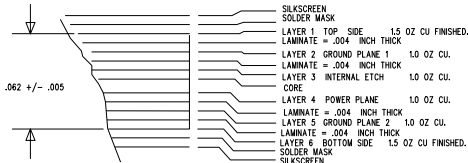


6 5 4 3 2 1

6 LAYER CONSTRUCTION DETAIL

SCALE : NONE



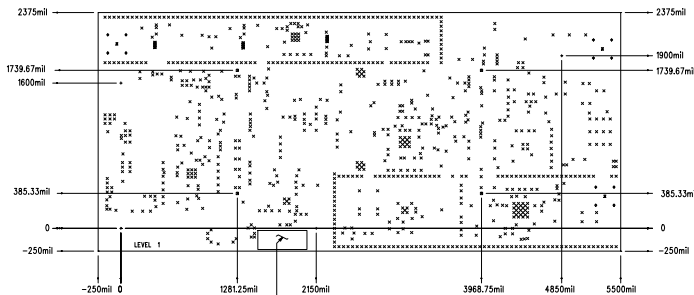
NOTES:

1. MATERIAL: NO LEAD PER EU ROHS DIRECTIVE 2002/95/EC. FABRICATION TO MEET IPC-6012B CLASS 2 REQUIREMENTS. HIGH TEMPERATURE LAMINATE FR4-1540 OR EQUIVALENT. UL 94V-0 PER IPC-4101A/24. SEE STACKUP FOR LAYER QUANTITY AND THICKNESSES. OUTER LAYERS 1/2 OZ CLAD OVERPLATED TO 1 1/2 OZ. INNER LAYERS 1 OZ.
2. SURFACE FINISH: (EXPOSED AREAS EXTERNAL LAYERS). IMMERSION GOLD 5 -25 MICRO INCHES.
3. PLATED THROUGH HOLES MINIMUM WALL = .001 INCH THICK.
4. PROCESSING TOLERANCES:
  - A. CONDUCTIVE PATTERNS LAYER TO LAYER REGISTRATION +/- .002 INCH TOTAL NON-ACCUMULATIVE.
  - B. MINIMUM ANNUAL RING SURROUNDING HOLES = .002 INCH. DOES NOT APPLY TO HOLE TYPE = VIA
  - C. FINISHED CONDUCTIVE PATTERN +/- .0005 INCH OF GERBER APERTURE DATA SIZE.
5. WARP AND TWIST PER IPC-A-600 CLASS 2 LATEST REV.

6. DIMENSIONS ARE FOR THE FINISHED PART.

7. SOLDER MASK: LIQUID PHOTO IMAGABLE (LPI) OVER BARE COPPER, (SMORC), BOTH SIDES USING THE PROVIDED PATTERN MASKS. PER IPC-SM40 LATEST REV. COLOR = GREEN. SOLDERMASK TO ETCH REGISTRATION = +/- .002 INCH.
8. SILKSREEN: SCREEN COMPONENT OUTLINES AND NOMENCLATURE ON THE PRIMARY AND SECONDARY SIDES (AS REQUIRED), USING NON-CONDUCTIVE OPAQUE EPOXY. COLOR = WHITE. NOMENCLATURE IS REQUIRED TO BE LEGIBLE. SCREEN TO ETCH REGISTRATION = +/- .005 INCH.
9. NON-FUNCTIONAL: PADS MAY BE REMOVED FROM INNER SIGNAL LAYERS AT VENDORS DISCRETION.
10. DESIGN RULE DATA: MINIMUM SPACING, LINE TO LINE, LINE TO PAD = .0055 INCH. MINIMUM LINE WIDTH = .005 INCH. MINIMUM VIA = .025 DIA. PAD, .014 DIA. HOLE.
11. VENDOR TO ADD UL ID NUMBER, DATE CODE, MFG. LOGO, AND FLAMMABILITY CODE IN THIS AREA ON THE SECONDARY SIDE.

SIZE	QTY	SYM	PLATED	TOL
11.81	12	⊠	YES	+/- .3
14	940	⊠	YES	+/- .3
55.12	4	⊠	NO	+/- .3
59	3	⊠	YES	+/- .3
67	12	⊠	YES	+/- .3
156	4	+	YES	+/- .3



FORMAT-FAB

TOP COPPER

DRILL DRAWING

TITLE:

PCB FABRICATION DRAWING

CODE:

SIZE:

DRAWING NO:

REV:

Code

B

Drawing Number

4

SCALE: NONE

SHEET: 1 OF X