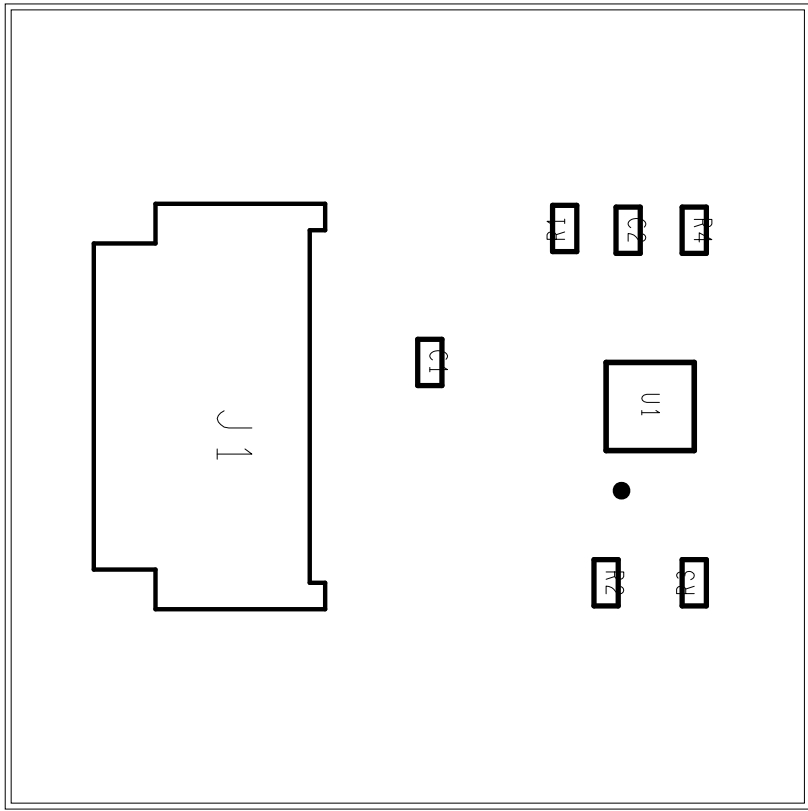


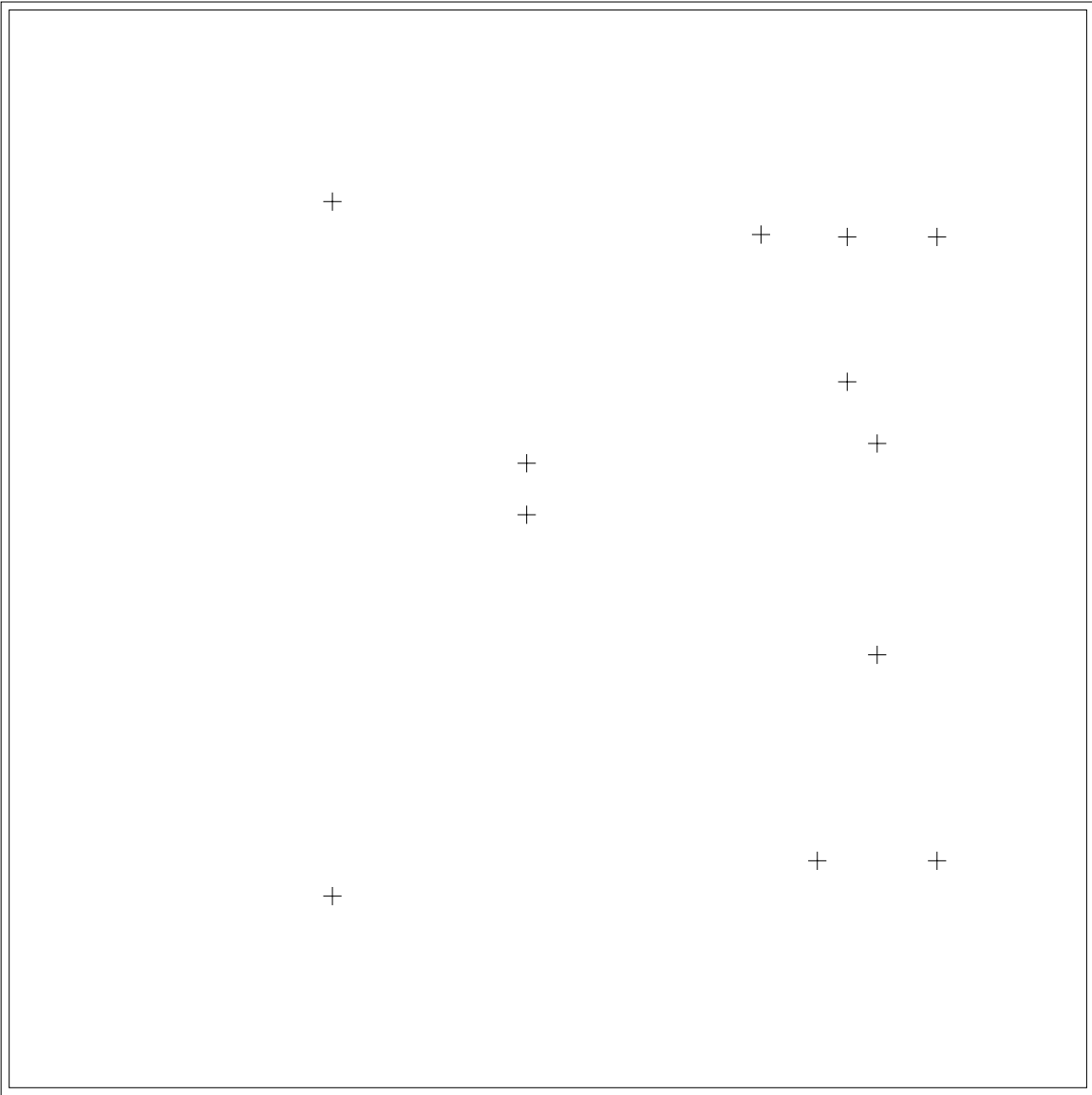
Assembly Top (Scale 5.83:1)



FAB NOTES

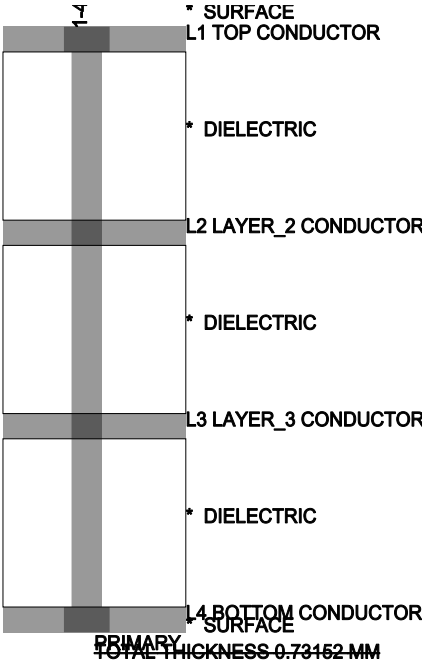
- LATEST VERSION OF ALL REFERENCED SPECIFICATIONS TO BE USED UNLESS OTHERWISE SPECIFIED.
- FABRICATE IN ACCORDANCE WITH IPC-6012 CLASS 2 UNLESS OTHERWISE SPECIFIED.
- INSPECT IN ACCORDANCE WITH IPC-A-600 CLASS 2 UNLESS OTHERWISE SPECIFIED.
- MATERIAL: BASE LAMINATE, COPPER CLAD, GLASS-BASED EPOXY RESIN, FLAME RETARDENT, IN ACCORDANCE WITH MIL-P-13949, TYPE GF. THICKNESS SEE STACKUP. FINISHED BOARD MUST MEET UL94V-0. MUST CONFORM TO IPC-410A/24/26/29/98/126, Tg>175 deg C, Td>330 deg C, T260>30 MIN, T288>5 MIN, CTEz (50-260 deg C)<3.5% (6 PASSES). MATERIAL MUST BE RoHS COMPLIANT
- FINAL CONDUCTOR SURFACE FINISH TO BE 3-10 MICRO-INCHES OF IMMERSION GOLD OVER 100-250 MICRO-INCHES OF ELECTROLESS NICKEL PER IPC-4552.
- PLATED-THRU HOLES TO HAVE COPPER WALL THICKNESS NOT LESS THAN 0.001" THICKNESS TO BE DETERMINED BY IPC-6012, CLASS 2.
- SILKSCREEN TO BE WHITE PERMANENT NON-CONDUCTIVE (LEGIBLE) INK AND NOT TO COVER ANY PORTION OF A PAD NOT COVERED BY SOLDERMASK. FABRICATOR TO CLIP ANY NON-CONFORMING SILKSCREEN NOMENCLATURE.
- UL LOGO AND DATE-CODE & VENDOR-CODE MUST APPEAR IN ETCH ON PRIMARY SIDE. SECONDARY SIDE IS ACCEPTABLE IF THERE IS NO ROOM ON PRIMARY SIDE.
- USE LPI SOLDER MASK OVER BARE COPPER PER SUPPLIED ARTWORK PER IPC-SM-840C, CLASS T. MUST BE RoHS COMPLIANT. COLOR - MATTE-GREEN. MASK GERBER FILES ARE SET TO 1:1 WITH OUTER LAYERS. FABRICATOR TO SET AS REQUIRED.
- SOLDER MASK SHALL BE CAPABLE OF FIVE SOLDER EXPOSURES AT 500 deg F.
- TOOLING HOLES MUST BE PRIMARY DRILLED AT THE SAME TIME AS PLATED-THRU HOLES. ALL HOLES MUST BE WITHIN 0.003" OF RADIAL TRUE POSITION.
- DIMENSIONAL TOLERANCES ON PCB ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED:
HOLE TO HOLE +/- 0.005"
HOLE TO EDGE +/- 0.010"
EDGE TO EDGE +/- 0.010"
- PADS MUST BE FINISHED TO WITHIN +/- 0.0015" OF MINOR DIMENSION (PAD WIDTH) & +/- 0.002" OF THE MAJOR DIMENSION (PAD LENGTH).
- GLOBAL AND LOCAL FIDUCIALS MUST BE FREE OF ANY MARKINGS
- REMOVAL OF NON-FUNCTIONAL PADS ON INNER LAYERS ALLOWED.
- COPPER THEIVING OF ANY LAYERS IS NOT ACCEPTABLE UNLESS OTHERWISE SPECIFIED BY DESIGN.
- FULL NETLIST TESTING REQUIRED UNLESS OTHERWISE SPECIFIED. TESTING SHOULD CONFORM TO IPC-ET-652.
- PRIOR TO BOARD FABRICATION, COMPARE GERBER DATA TO SUPPLIED IPC-D-356A NETLIST. REPORT ALL DISCREPANCIES.
- FINISHED PRODUCT TO BE RoHS COMPLIANT AND MEET EU RoHS DIRECTIVE - 2015/863/EU.
- CENTERLINES ARE THE EDGE OF INTERNAL SLOTS/CUTOUTS (IF ANY)
- USE GERBER FILE "ASSYTP.ART" FOR BOARD OUTLINE DIMENSIONS AND SHAPE.

Drill drawing 1-4 (Scale 8.34:1)



DRILL CHART 1-4				
ALL UNITS ARE IN MILLIMETERS (MILS)				
FIGURE	FINISHED_SIZE	TOLERANCE_DRILL	PLATED	QTY
	0.305 (12.000)	+0.076/-0.305	PLATED	12

Stackup Table				
Units : MILLIMETER				
#	NAME	TYPE	MATERIAL	THICKNESS
		SURFACE	AIR	0
1	TOP	SIGNAL	COPPER	0.03048
		DIELECTRIC	FR-4	0.2032
2	LAYER_2	SIGNAL	COPPER	0.03048
		DIELECTRIC	FR-4	0.2032
3	LAYER_3	SIGNAL	COPPER	0.03048
		DIELECTRIC	FR-4	0.2032
4	BOTTOM	SIGNAL	COPPER	0.03048
		SURFACE	AIR	0
TOTAL THICKNESS				0.73152



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN ?
TOLERANCE ON ANGLE +/- ?
2PL +/- ?
3PL +/- ?
INTERPRET DIM AND TOL
PER ASME Y14.5 - ?

THIRD ANGLE PROJECTION

Document Number

Title FPC Temperature Sensor

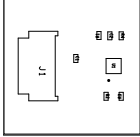
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Sheet 1 of 2

Rev 1

Assembly Top (Scale 1:1)



Assembly Bottom (Scale 1:1)



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN ?
TOLERANCE ON ANGLE +/- ?
2PL +/- ?
3PL +/- ?
INTERPRET DIM AND TOL
PER ASME Y14.5 - ?

THIRD ANGLE PROJECTION

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