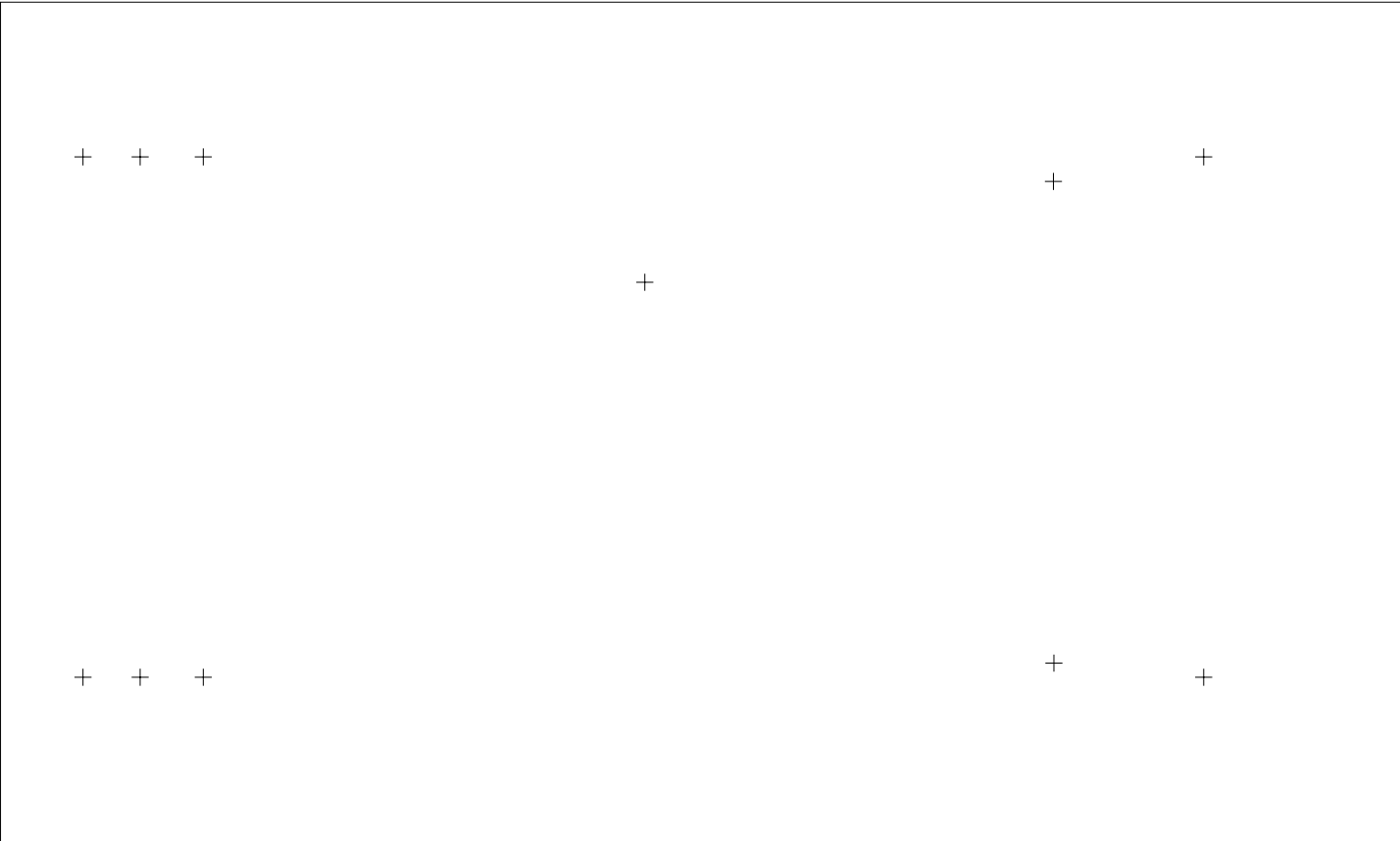


FAB NOTES

1. LATEST VERSION OF ALL REFERENCED SPECIFICATIONS TO BE USED UNLESS OTHERWISE SPECIFIED.
2. FABRICATE IN ACCORDANCE WITH IPC-6012 CLASS 2 UNLESS OTHERWISE SPECIFIED.
3. INSPECT IN ACCORDANCE WITH IPC-A-600 CLASS 2 UNLESS OTHERWISE SPECIFIED.
4. 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
5. FINAL CONDUCTOR SURFACE FINISH TO BE 3-10 MICRO-INCHES OF IMMERSION GOLD OVER 100-250 MICRO-INCHES OF ELECTROLESS NICKEL PER IPC-4552.
6. PLATED-THRU HOLES TO HAVE COPPER WALL THICKNESS NOT LESS THAN 0.001" THICKNESS TO BE DETERMINED BY IPC-6012, CLASS 2.
7. SILKSCREEN TO BE WHITE PERMANENT NON-CONDUCTIVE (LEGIBLE) INK AND NOT TO COVER ANY PORTION OF A COMPONENT PAD. FABRICATOR TO CLIP ANY NON-CONFORMING SILKSCREEN NOMENCLATURE.
8. 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.
9. 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.
10. SOLDER MASK SHALL BE CAPABLE OF FIVE SOLDER EXPOSURES AT 500 deg F.
11. 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.
12. 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"
13. PADS MUST BE FINISHED TO WITHIN +/- 0.0015" OF MINOR DIMENSION (PAD WIDTH) & +/- 0.002" OF THE MAJOR DIMENSION (PAD LENGTH).
14. GLOBAL AND LOCAL FIDUCIALS MUST BE FREE OF ANY MARKINGS
15. FULL NETLIST TESTING REQUIRED UNLESS OTHERWISE SPECIFIED. TESTING SHOULD CONFORM TO IPC-ET-652.
16. PRIOR TO BOARD FABRICATION, COMPARE GERBER DATA TO SUPPLIED IPC-D-356A NETLIST. REPORT ALL DISCREPANCIES.
17. FINISHED PRODUCT TO BE RoHS COMPLIANT AND MEET EU RoHS DIRECTIVE - 2015/863/EU.
18. USE GERBER FILE "ASSEMBLYDRAWINGTOP.GDO" FOR BOARD OUTLINE DIMENSIONS AND SHAPE.



DRILL CHART 1-2				
ALL UNITS ARE IN MILLIMETERS (MILS)				
FIGURE	FINISHED_SIZE	TOLERANCE_DRILL	PLATED	QTY
	0.305 (12.000)	+0.076/-0.305	PLATED	11

Stackup Table				
Units : MILLIMETER				
#	NAME	TYPE	MATERIAL	THICKNESS
		SURFACE	AIR	0
1	TOP	SIGNAL	COPPER	0.03048
		DIELECTRIC	FR-4	0.2032
2	BOTTOM	SIGNAL	COPPER	0.03048
		SURFACE	AIR	0
TOTAL THICKNESS				0.26416

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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Sheet   1   of   1