

SIZE	QTY	SYM	PLATED	TOL
0.01	263	⊗	YES	+/-0.003
0.035	4	⊕	YES	+/-0.003"
0.063	2	⊖	YES	+/-0.003"
0.065	4	⊞	YES	+/-0.003"
0.07	3	⊗	NO	+/-0.003"
0.094	7	⊗	YES	+/-0.003"
0.188	4	⊕	YES	+/-0.003"
0.204	6	⊗	YES	+/-0.003"

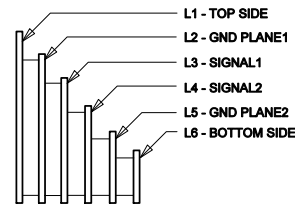
ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:

1. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).

ADDITIONAL REQUIREMENTS FOR PRODUCTION FAB ONLY:

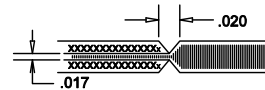
1. PROVIDE COMPLIANCE CERTIFICATES FOR RoHS, REACH AND CONFLICT-FREE MINERALS.
2. SOLDERABILITY BOARD WITH TEST RESULTS.
3. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
4. VACUUM PACKED WITH DESICCANT.
5. FULL PANEL WITH NO REJECT.

LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED

1. FABRICATION: FABRICATION AND ACCEPTANCE TO MEET THE REQUIREMENTS OF IPC-A-600 AND IPC/ANSI-MLL950-C CLASS 2, AOL .25 GENERAL INSPECTION LEVEL II.
2. MATERIAL: - EPOXY FIBERGLASS, NEMA GRADE FR-4
- FINISHED THICKNESS TO BE 0.062" +/- .005"
- TOTAL OF 6 LAYERS WITH 2 OZ. CU ON THE EXTERNAL LAYERS AND 2 OZ. CU ON THE INNER LAYERS.
- FLAMMABILITY RATING: 94 V-0 MINIMUM.
4. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN 0.00" ARE PRIMARY DATUMS.
5. FRONT TO BACK LAYER REGISTRATION.
-SHALL BE WITHIN 0.005" (0.13mm) TO COMPLY WITH IPC-A-600, CLASS 2.
5. DRILLING: - DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.
- ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
- HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER.
6. FINISH: - SMOBC USING LPI BOTH SIDES, PER IPC-SM-840, CLASS T, COLOR GREEN. TENT BOTH SIDES.
- APPLY ELECTROLESS NICKEL GOLD IMMERSION (ENIG) OVER EXPOSED COPPER PER IPC-4552.
- FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
-PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
8. PCBs ARE TO BE RoHS COMPLIANT.
9. SCORING FOR PANELIZED PCB:



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: 0.000" = ±0.01" 0.000" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION	APPROVALS		ANALOG DEVICES POWER BY LINEAR FOR ADI CUSTOMER USE ONLY TITLE: FABRICATION DRAWING HIGH POWER BUCK/BOOST MULTI-CHEMISTRY BATTERY CHARGER
	PCB DES	NC	
	APP ENG	S.BAI	
			SIZE
			IC NO. LTC4020
		SCALE = NONE	REV 02
			SHT 1 OF 1