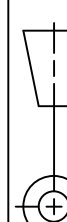



1. ARTWORK P/N DC1167A REV 1.
2. FAB PER IPC-A-600
3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
1.6 +/- 0.13 mm THICKNESS WITH 2 OZ. (50um)
COPPER FINISH ON TWO OUTER LAYERS AND
1 OZ. (25um) COPPER ON TWO INTERNAL LAYERS.
FLAMABILITY RATING: 94 V-2 MINIMUM .
4. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 ARE PRIMARY DATUMS.
5. BOARD: SELECTIVE PLATED BOARD. SOLDER
MASK OVER BARE COPPER, COLOR, GREEN LPI.
WHITE TIN IMMERSION (OMIKRON PROCESS) BOTH SIDES.
SILKSCREEN COMPONENT SIDE WITH WHITE
NON-CONDUCTIVE INK.
PLATE THRU ALL HOLES WITH COPPER
MIN. PLATING THICKNESS: 1 OZ. (25um) EXCEPT
WHERE PLATING NOT REQUIRED
6. DRILL: ALL HOLES SHALL BE DRILLED +/- 0.08mm
WITH RESPECT TO CTR. OF DRILLED PAD.
ALL HOLES FINISHED SIZE AFTER PLATING.
7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

A cross-sectional diagram of a 4-layer PCB. The layers are labeled L1 - COMPONENT SIDE, L2 - GND, L3 - GND, and L4 - BOTTOM. The diagram shows the internal structure of the board, including the copper layers and the prepreg/epoxy core. Arrows indicate the electrical connections between the components on the L1 layer and the internal layers. The top and bottom surfaces are labeled TOP and BOTTOM.

LAYER CONSTRUCTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE $\pm 1^\circ$ XX \pm 0.25 XXX \pm 0.127 THIRD ANGLE PROJECTION  DO NOT SCALE DRAWING	CONTRACT NO.		 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507	
	APPROVALS		TITLE	
	DRAWN MEI	DATE 01/15/07	FAB, LT3685EMSE, 2A 38V STEP-DOWN SWITCHING REGULATOR WITH SYNC FUNCTION	
	CHECKED		SIZE A	
	APPROVED KH		CAGE CODE	DWG NO. DC1167A
DESIGNED BY		SCALE 1/1	FILENAME: 1167A-1.PCB	REV 1
			SHEET 1	OF 1