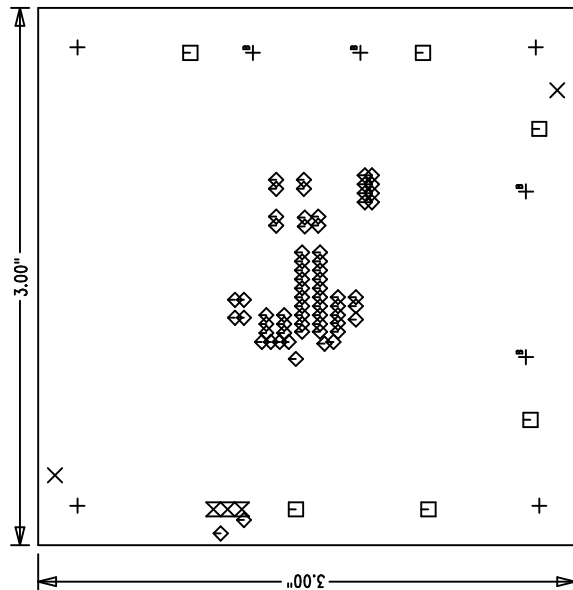
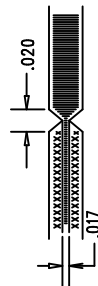


A cross-sectional diagram of a 4-layer printed circuit board (PCB). The layers are labeled from top to bottom: L1 - TOP, L2 - GND, L3 - PWR, and L4 - BOTTOM. The diagram shows the alternating layers of conductive material and insulating prepreg. Arrows point from the labels to their respective layers. The top surface is labeled 'TOP' and the bottom surface is labeled 'BOTTOM'.



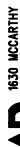

## NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL: -EPOXY FIBERGLASS; NEMA GRADE FR-4  
-FINISHED THICKNESS TO BE 0.062" +/- .005"  
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS  
AND 1 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
4. 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
5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. PCBs ARE TO BE ROHS COMPLIANT.
8. SCORING FOR PANELIZED PCB:



9. DESIGN HAS SOLDER MASK DEFINED PADS ON U1.  
U1 SOLDER MASK SIZE IS 25 MIL AND PAD SIZE IS 29 MIL.  
DON'T CHANGE PAD SIZE OR SOLDER MASK SIZE.

SIZE	QTY	SYM	PLATED	TOL
0.07	2	✕	N0	+/-0.003
0.095	6	□	YES	+/-0.003
0.01	65	◇	YES	+/-0.003
0.035	3	✕	YES	+/-0.003
0.187	4	+	YES	+/-0.003
0.205	4	⊕	YES	+/-0.003

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE $\pm 1$ $0.031'' = \pm 0.01''$ $0.031'' = \pm 0.005''$ INTERPRET DIM AND TOL PER ASME Y14.5M-1994	APPROVALS			 <b>LINEAR</b> <b>TECHNOLOGY</b> 1830 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408) 432-9000 LTC CUSTOMER USE ONLY
	PCB DES.	HELEN	10-10-12	
	ENG.	DAVID P.	10-10-12	
THIRD ANGLE PROJECTION	TITLE: FABRICATION DRAWING <b>60V, 4A DC/DC uMODULE®</b> <b>REGULATOR</b>			
	SIZE	IC NO. LTM8027EV	REV.	1
		A	DEMO CIRCUIT 1307B	
DO NOT SCALE DRAWING	SCALE: NONE		FILENAME:	DC1307B-1.PCB
			SHEET	1 of 1