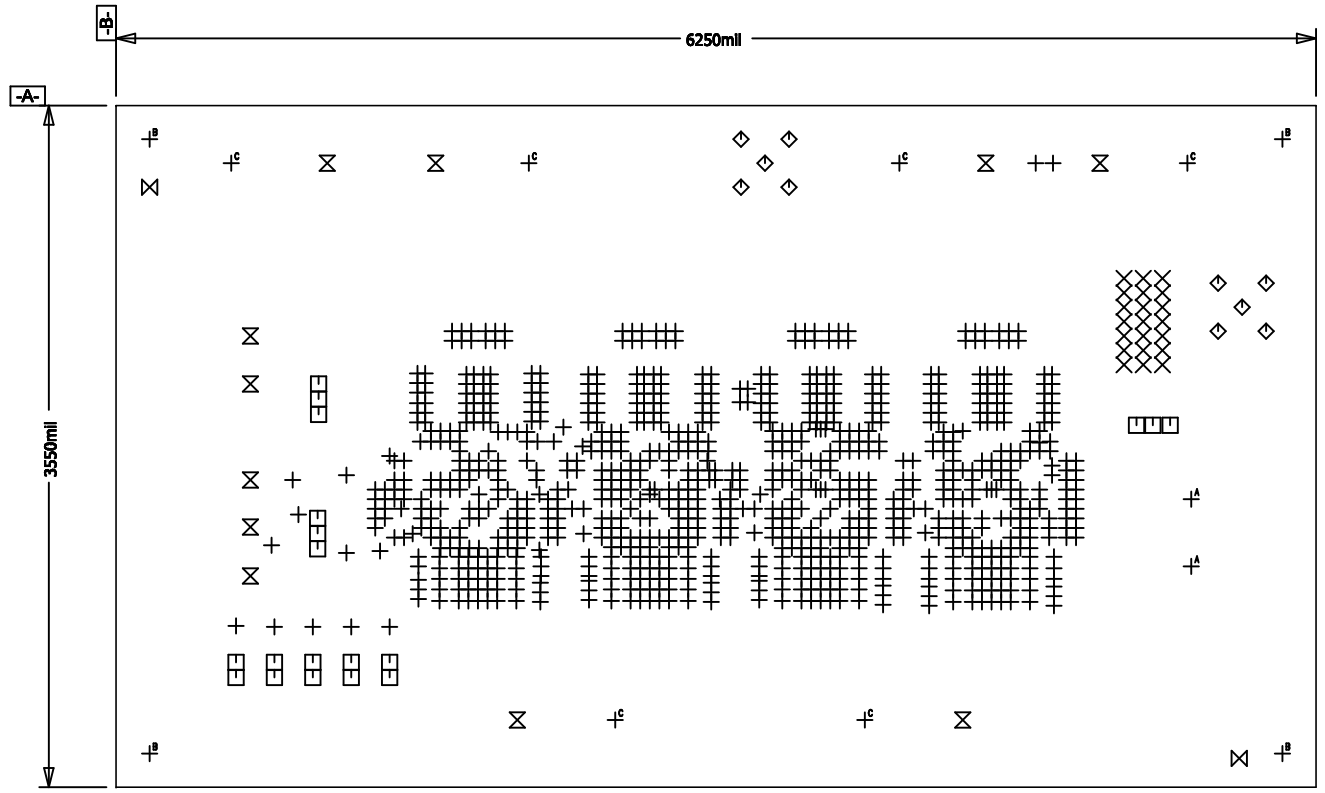
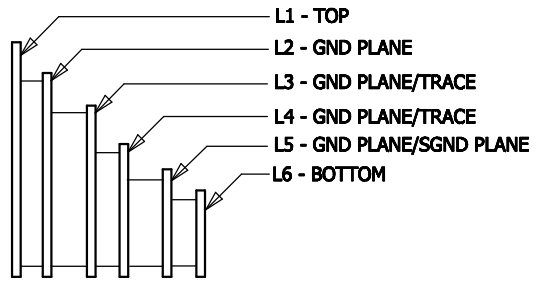
LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	PROD	04/17/13	Haoran W.



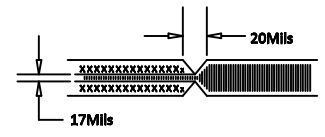
TOP SIDE SHOWN
L1-COMPONENT SIDE

LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC2007A REV 1.
2. FAB PER IPC-A-600
3. PCB SHALL MEET RoHS COMPLIANCE.
4. MATERIAL:
   - A. LAMINATE: LEAD FREE COMPLIANT, ISOLA FR-370HR OR EQUIVALENT. FLAMMABILITY RATING: 94 V-2 MINIMUM .
   - B. THICKNESS: .060 +/- .005
   - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS. 1 OZ. (25um) COPPER ON TWO INTERNAL LAYERS.
5. FINISH:
   - A. COATING: SOLDERMASK OVER BARE COPPER, COLOR, GREEN LPI.
   - B. PLATING: GOLD IMMERSION BOTH SIDES.
   - C. SILKSCREEN: BOTH SIDES WITH WHITE NON-CONDUCTIVE INK.
6. TOLERANCES:
   - A. WARPAGE: (0.004) MAX. ALONG THE LONGEST DIAG. AS PER IPC-TM650 METHOD 2.4.22.
   - B. ETCHING: +0.002, -0.002 OF MASTER PATTERN.
   - C. REGISTRATION: 0.004 MAX.
   - D. MASK THICKNESS: 0.001 MIN., 0.004 MAX.
   - E. HOLE PLATING: 22um +/- 3um.
7. SIZE:
   - A. CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS.
8. HOLE DIAMETERS ARE POST-PLATED SIZES.
9. DEBURR AND BREAK ALL SHARP EDGES.
10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
11. SCORING:



12. (U1,U2,U3,U4) DO NOT CHANGE PADS. COPPER PADS ARE 0.63mm. SOLDER MASK OPENINGS ARE 0.63mm. SOLDER PASTE OPENINGS ARE 0.605mm.

SIZE	QTY	SYM	PLATED	TOL
10	932	+	YES	+/-3Mil
15	21	X	YES	+/-0.08
35	19	□	YES	+/-0.13
55	10	◇	YES	+/-0.13
65	11	⧖	YES	+/-3Mil
70	2	⋈	NO	+/-5Mil
94	2	+A	YES	+/-5Mils
187	4	+B	NO	+/-5Mil
189	6	+C	YES	+/-5mil

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE ±1°
2 PLACE ±.01 3 PLACE ±.005
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO

APPROVALS		DATE
DRAWN	MI	10/12/12
CHECKED		
APPROVED		
ENGINEER	Haoran W.	04/15/13

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TITLE
FAB, LTM4630EV, HIGH EFFICIENCY, POLYPHASE STEP-DOWN POWER μMODULE® REGULATOR

SIZE	CAGE CODE	DWG NO	REV
B		DC2007A	1

SCALE 1/1 | FILENAME: 2007a-1.PCB | SHEET 1 OF 1