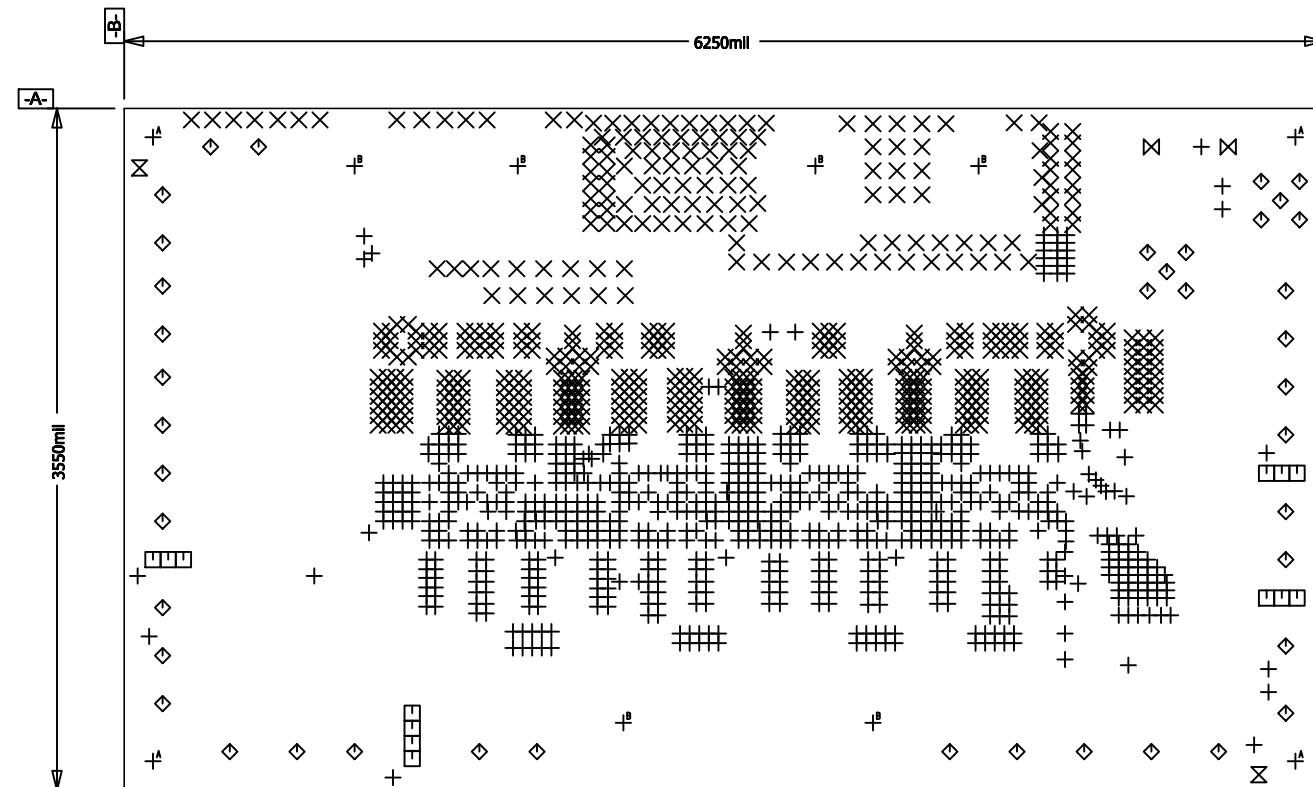
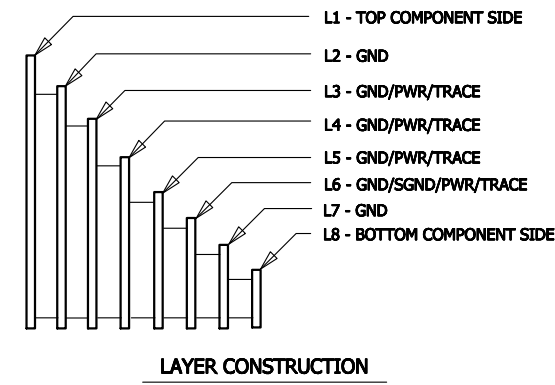


LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	4	PROD	11/21/16	<i>yz</i>

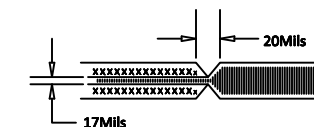


TOP SIDE SHOWN



NOTES: UNLESS OTHERWISE SPECIFIED,

- 1. ARTWORK P/N DC2448A REV 4.
- 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: .065 +/- .005
 - C. CLAD: 3 OZ. (75um) EXTERNAL LAYERS.
2 OZ. (50um) COPPER ON SIX 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:

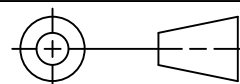


12. (U1,U2,U3,U4) DO NOT CHANGE PADS. COPPER PADS ARE 0.63mm. SOLDER MASK OPENINGS ARE 0.605mm. SOLDER PASTE OPENINGS ARE 0.60mm.
13. PLUG ALL VIA'S WITH NON-CONDUCTIVE EPOXY AND PLATE OVER. PLANARIZE FINAL SURFACE.

SIZE	QTY	SYM	PLATED	TOL
10	747	+	YES	+/-3Mil
20	555	X	YES	+/-3Mil
35	13	□	YES	+/-3Mil
65	41	◇	YES	+/-3Mil
70	2	⊗	NO	+/-5Mil
94	2	⊗	YES	+/-5Mil
187	4	+ ^A	NO	+/-5Mil
189	6	+ ^B	YES	+/-5mil

**UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE $\pm 1^\circ$
2 PLACE $\pm .01$ 3 PLACE $\pm .005$
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994**

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

CONTRACT NO		
APPROVALS		DATE
DRAWN	<i>MC</i>	07/07/15
CHECKED		
APPROVED		
ENGINEER	<i>BY/EL</i>	11/21/16



**1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900
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**TITLE FAB, LTM4636EY/LTM4636EY-1, FOUR PHASE
STEP-DOWN μ MODULE[®] REGULATOR WITH
HOTSWAP INPUT**

SIZE B	CAGE CODE	DWG NO DC2448A	REV 4
SCALE 1/1	FILENAME: 2448a-4.PCB	SHEET 1 OF 1	