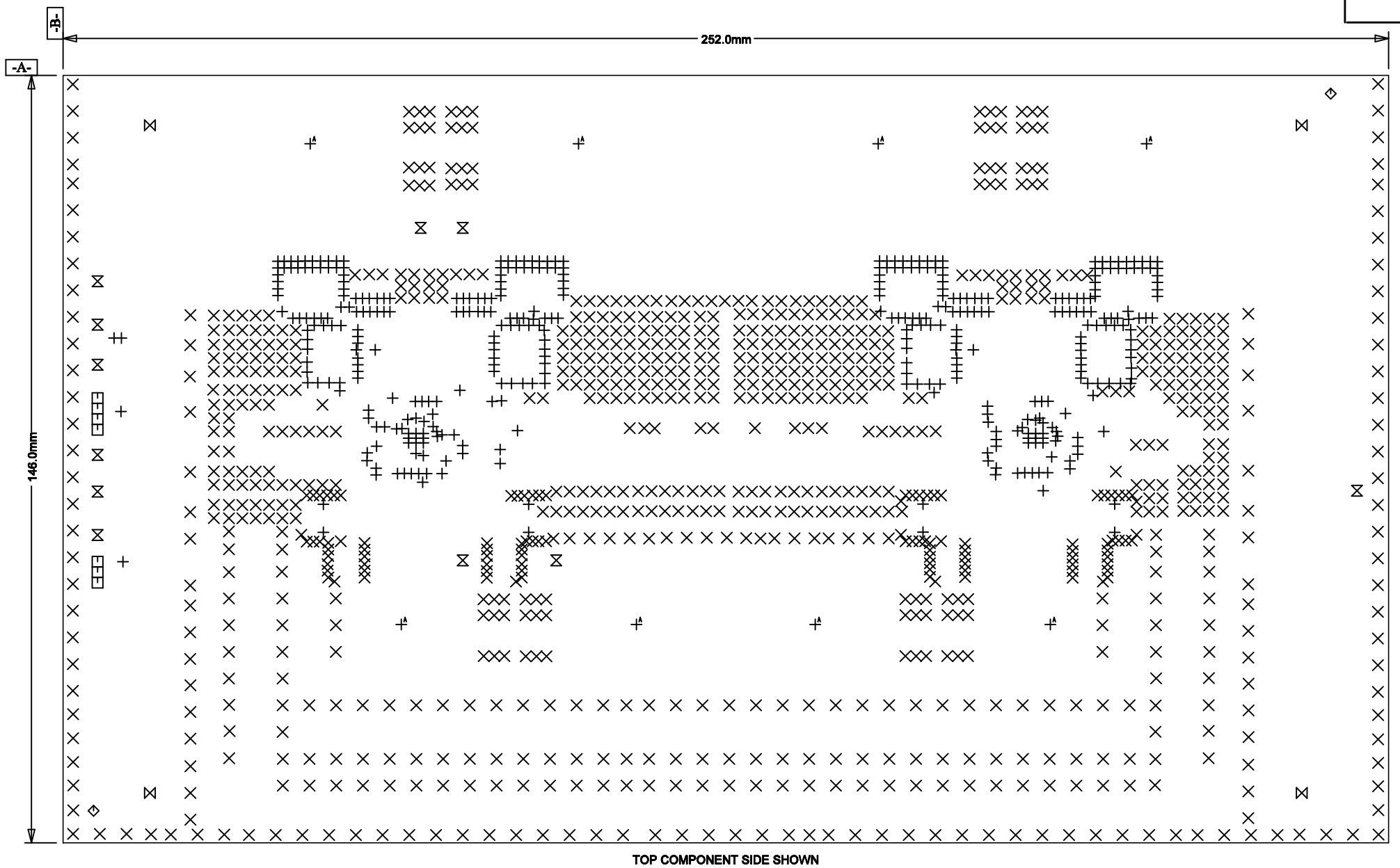
LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	PROD	10/08/12	JOSHUA Y.

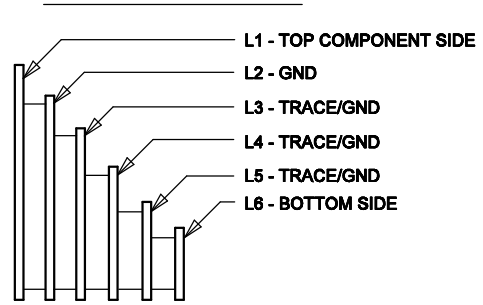


TOP COMPONENT SIDE SHOWN

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC2001A REV 1.
2. FAB PER IPC-A-600
3. PCB SHALL MEET RoHS COMPLIANCE.
4. MATERIAL:
   - A. LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4
     FLAMMABILITY RATING: 94 V-2 MINIMUM .
   - B. THICKNESS: 1.6 +/- 0.1 mm
   - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS.
     1 OZ. (25um) COPPER ON INTERNAL LAYERS.
5. FINISH:
   - A. COATING: SOLDERMASK OVER BARE COPPER,
     COLOR, GREEN LPI.
   - B. PLATING: GOLD IMMERSION BOTH SIDES.
   - C. SILKSCREEN: COMPONENT SIDE WITH WHITE
     NON-CONDUCTIVE INK.
6. TOLERANCES:
   - A. WARPAGE: (0.075mm) MAX. ALONG THE LONGEST
     DIAG. AS PER IPC-TM650 METHOD 2.4.22.
   - B. ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.
   - C. REGISTRATION: 0.075mm MAX.
   - D. MASK THICKNESS: 0.025mm MIN., 0.075mm 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.

LAYER CONSTRUCTION



SIZE	QTY	SYM	PLATED	TOL
0.25	390	+	YES	+/-0.08
0.5	951	X	YES	+/-0.08
0.8	7	⊡	YES	+/-.13
1.8	2	◇	NO	+/-0.13
2.39	11	⧖	YES	+/-0.13
4.75	4	⋈	NO	+/-0.13
4.8	8	+A	YES	+/-0.13

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON ANGLE ± 1°

.XX ± 0.25
XXX ± 0.127

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO

APPROVALS		DATE
DRAWN	MI/RB	06/11/12
CHECKED		
APPROVED	JOSHUA Y.	10/08/12
ENGINEER		

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TITLE
FAB, LTC3787EUFD, HIGH CURRENT 4-PHASE SYNCHRONOUS BOOST CONVERTER

SIZE	CAGE CODE	DWG NO	REV
B		DC2001A	1

SCALE 1/1 | FILENAME: 2001A-1.PCB | SHEET 1 OF 1