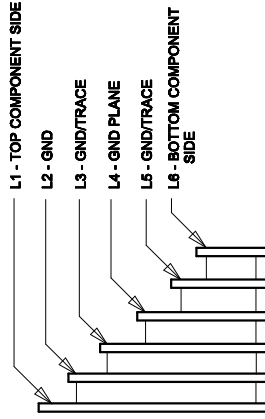


**TOP COMPONENT SIDE SHOWN**

SIZE	QTY	SYM	PLATED	TOL
0.25	59	◇	YES	+/-0.08
0.508	8	⊠	YES	+/-0.08
0.9	42	□	YES	+/-0.13
1.8	2	✕	NO	+/-0.13
2.4	16	+	YES	+/-0.13

## LAYER CONSTRUCTION



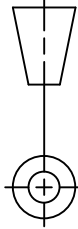
**NOTES: UNLESS OTHERWISE SPECIFIED,**

1. ARTWORK P/N DC1896A 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 TWO 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.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ON ANGLE  $\pm 1^\circ$

 $\text{XX} \pm 0.25$  $\text{XXX} \pm 0.127$ 

### THIRD ANGLE PROJECTION



**DO NOT SCALE DRAWING**

**CONTRACT NO.**

APPROVALS		DATE
DRAWN	MI	08/15/11
CHECKED		
APPROVED	TOM G.	02/08/13
DESIGNED BY		



**1630 McCarthy Blvd.  
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**Fax: (408)434-0507**

**TITLE**

## FAB, LTC3633AEFE, DUAL SYNCHRONOUS STEP - DOWN REGULATOR

SIZE <b>A</b>	CAGE CODE	DWG NO. <b>DC1896A</b>	REV <b>1</b>
SCALE 1/1	FILENAME: 1896A-1.PCB		SHEET 1 OF 1