

DWG NO

DC1400A

SH

1

REV

1

ECO

REV

1

DESCRIPTION

PROTO

DATE

02/15/08

APPROVED

REVISION HISTORY

NOTES: UNLESS OTHERWISE SPECIFIED,
1. ARTWORK P/N DC1400A REV 1.
2. FAB PER IPC-A-800
3. PCB SHALL BE RoHS COMPLIANT.
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 ±1°
.XX ±.25
.XXX ±.127

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS

DATE

02/15/08

DRAWN

MEI

CHECKED

APPROVED

DESIGNED BY

LINEAR TECHNOLOGY

1630 McCarthy Blvd.
Milpitas, CA 95035

Phone: (408)432-1900
Fax: (408)434-0507

TITLE

FAB, LTM4608EV, HIGH DENSITY 8A STEP-
DOWN POWER μMODULE

SIZE

CAGE CODE

DWG NO.

DC1400A

REV

1

SCALE

1/1

FILENAME:

1400A-1.PCB

SHEET

1

OF

1

LTC CONFIDENTIAL - For Customer Use Only

76.0mm

95.0mm

COMPONENT SIDE SHOWN

L1 - TOP COMPONENT SIDE
L2 - GND
L3 - GND/SIGNAL
L4 - BOTTOM COMPONENT SIDE

TOP

BOTTOM

LAYER CONSTRUCTION

SIZE	QTY	SYM	PLATED	TOL
0.25	96	✕	YES	+/-0.08
0.5	55	□	YES	+/-0.08
0.9	43	◇	YES	+/-0.08
1.4	10	⊗	YES	+/-0.13
1.8	2	⊗	NO	+/-0.13
2.4	10	⊕	YES	+/-0.13
4.7	4	⊕	NO	+/-0.25
5.2	4	⊕	YES	+/-0.25