

DWG NO

DC1859A

SH

1

REV

2

LTC CONFIDENTIAL - For Customer Use Only

ECO

REV

1

DESCRIPTION

PROD

DATE

12/09/13

APPROVED

GORAN P.

REVISION HISTORY

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC1859A REV 2.

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.

11. SCORING:

76.0mm

76.0mm

TOP COMPONENT SIDE SHOWN

LAYER CONSTRUCTION

L1 - TOP

L2 - GND PLANE

L3 - GND PLANE/TRACE

L4 - BOTTOM

TOP SIDE

BOTTOM SIDE

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

DRAWN

CHECKED

APPROVED

DESIGNED BY

DATE

11/01/11

12/09/13

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES ON ANGLE ± 1°

.XX ± 0.25

.XXX ± 0.127

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

SIZE

QTY

SYM

PLATED

TOL

0.25

79

+

YES

+/-0.08

0.9

6

◇

YES

+/-0.08

1.8

2

⊠

NO

+/-0.13

2.4

6

□

YES

+/-0.13

4.75

4

×

NO

+/-0.13

LINEAR

TECHNOLOGY

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TITLE

FAB, LTC3124EDE, DUAL PHASE

SYNCHRONOUS STEP-UP DC/DC CONVERTER

SIZE

CAGE CODE

DWG NO.

DC1859A

REV

2

SCALE

1/1

FILENAME:

1859A-2.PCB

SHEET

1

OF

1