

DWG NO

DC725A

SH

1

REV

3

LTC CONFIDENTIAL – For Customer Use Only

ECO

REV

3

DESCRIPTION

PROTO, CHANGED LAYOUT

DATE

02/23/05

APPROVED

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC725A REV 3.

2. FAB PER IPC-A-600

3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4 .062 +/- .005 INCH THICKNESS WITH 2 OZ. COPPER FINISH ON TWO OUTER LAYERS AND 1 OZ. COPPER ON FOUR INTERNAL LAYERS. FLAMABILITY RATING: 94 V-2 MINIMUM .

4. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS.

5. BOARD: SELECTIVE PLATED BOARD. SOLDER MASK OVER BARE COPPER, COLOR, GREEN LPI. WHITE TIN IMMERSION (OMIKRON) BOTH SIDES. SILKSCREEN COMPONENT SIDE WITH WHITE NON-CONDUCTIVE INK. PLATE THRU ALL HOLES WITH COPPER MIN. PLATING THICKNESS: 1 OZ. EXCEPT WHERE PLATING NOT REQUIRED

6. DRILL: ALL HOLES SHALL BE DRILLED +/- .003 INCH WITH RESPECT TO CTR. OF DRILLED PAD. ALL HOLES FINISHED SIZE AFTER PLATING.

7. DROP ALL UNUSED PADS ON INNER LAYERS.

8. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

2.85

2.70

0

.15

2.85

2.70

0

.15

L1-COMPONENT SIDE

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LAYER CONSTRUCTION

L1 – TOP COMPONENT SIDE

L2 – GND

L3 – GND/TRACE

L4 – GND/TRACE

L5 – SGND/TRACE

L6 – BOTTOM COMPONENT SIDE

CONTRACT NO.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE ± 1° 2 PLACE ± .01 3 PLACE ± .005 INTERPRET DIM AND TOL PER ASME Y14.5M – 1994

APPROVALS

DRAWN MEI

CHECKED

APPROVED

DESIGNED BY

DATE

02/23/05

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

LINEAR TECHNOLOGY

1630 McCarthy Blvd. Milpitas, CA 95035 .

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TITLE

FAB, LTC3415EUHF, 7A MONOLITHIC SYNCHRONOUS BUCK CONVERTER

SIZE

A

CAGE CODE

DWG NO.

DC725A

SCALE

1/1

FILENAME:

DC725A.PCB

SHEET

1

OF

1

REV

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