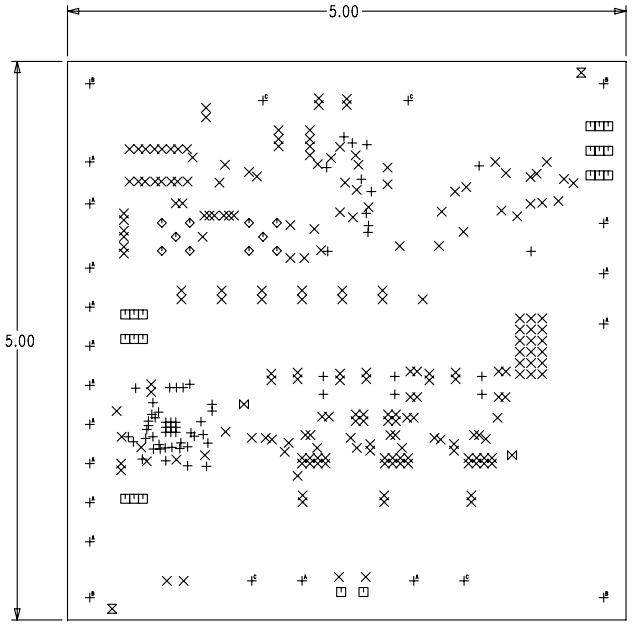
DWG NO.	SH	REV
DC558A	1	3

LTC CONFIDENTIAL – For Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	4	PROTO		



SHOWN FROM COMPONENT SIDE

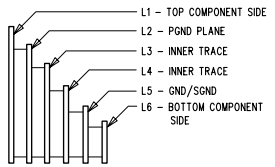
NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC558A REV 4.
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 2 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 BOTH SIDES 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.

HOLE LEGEND

TOLERANCE	SIZE	QTY	SYM	PLTD
+/-0.003	10	62	+	PLTD
+/-0.003	20	216	X	PLTD
+/-0.003	35	20	□	PLTD
+/-0.005	55	10	◇	PLTD
+/-0.005	70	2	⧖	NPLTD
+/-0.005	89	2	⋈	NPLTD
+/-0.01	94	15	A	PLTD
+/-0.01	125	4	B	PLTD
+/-0.01	190	4	C	PLTD

LAYER CONSTRUCTION



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

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO

APPROVALS	DATE
DRAWN MEI	7/24/02
CHECKED	
APPROVED	
ENGINEER	

LINEAR TECHNOLOGY
1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900
Fax: (408)434-0507

TITLE
FAB, LTC3731CUH, 3-PHASE HIGH EFFICIENCY DC/DC CONVERTER

SIZE	CAGE CODE	DWG NO	REV
B		DC558A	4

SCALE	FILENAME	SHEET
1/1	DC558A-4.PCB	1 OF 1