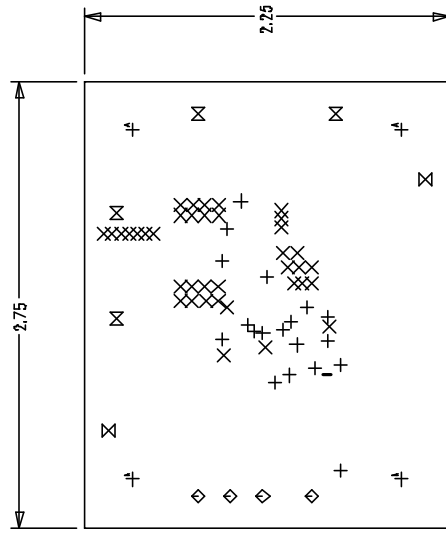


LTC CONFIDENTIAL – For Customer Use Only



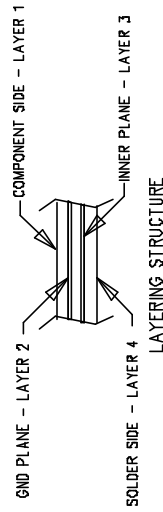
COMPONENT SIDE SHOWN

HOLE LEGEND

TOLERANCE	SIZE	QTY	SYM	PLTD
+/-0.003	10	19	+	PLTD
+/-0.003	20	38	×	PLTD
+/-0.005	64	4	◇	PLTD
+/-0.005	70	2	⊗	NPLTD
+/-0.01	95	4	⊠	PLTD
+/-0.01	120	4	A	PLTD

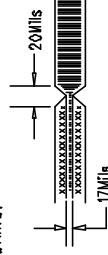
LI-COMPONENT SIDE

1



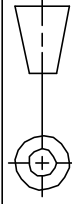
NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK P/N DC470A REV 2.
- FAB PER IPC-A-800
- MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
FINISHED THICKNESS TO BE .062 +/- .005 INCH
WITH 2 OZ. COPPER ON TWO OUTER LAYERS AND
1 OZ. COPPER ON TWO INTERNAL LAYERS.
FLAMABILITY RATING: 94 V-2 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.0D ARE PRIMARY DATUMS.
- BOARD: SELECTIVE PLATED BOARD. SOLDER
MASK OVER BARE COPPER.
WHITE TIN BOTH SIDES.
SOLDER MASK TYPE: WET PHOTO-IMAGEABLE
THE PCB COLOR: GREEN
SILKSCREEN COMPONENT SIDE WITH WHITE NON-
CONDUCTIVE INK.
PLATE THRU ALL HOLES WITH COPPER
MIN. PLATING THICKNESS: 1 OZ. EXCEPT
WHERE PLATING NOT REQUIRED
- DRILL: ALL HOLES SHALL BE DRILLED +/- .003 INCH
WITH RESPECT TO CTR. OF DRILLED PAD.
ALL HOLES FINISHED SIZE AFTER PLATING.
- DROP ALL UNUSED PADS ON INNER LAYERS.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
- SCORING:



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

10-13-01

MEI

CHECKED

APPROVED

ENGINEER

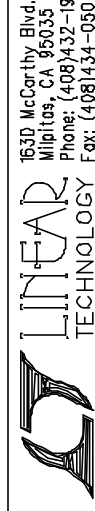
DWG NO DC470A

SH 1

REV 2

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	2	PROTO		



163D McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900
Fax: (408)434-0507

TITLE

FAB, LTC3831EGN HIGH EFFICIENCY

TERMINATION/TRACKING POWER SUPPLY

SIZE CAGE CODE DWG NO DC470A REV 2

SCALE 1/1 FILENAME: 470A-2.PCB SHEET 1 OF 1