

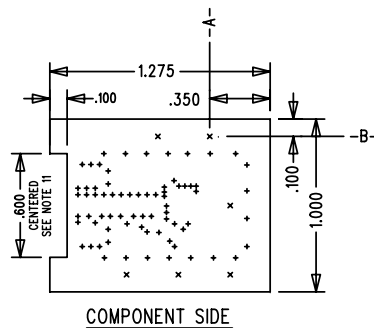


DWG NO	DC420A	SH	1	REV	2
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LTC CONFIDENTIAL – For Customer Use Only

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	1	INITIATE	4/10/01	
	2	REVISED	9/14/01	



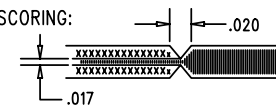
TOP	DIELECTRIC THICKNESS
LYR1	approx 17mils, 2X
LYR2	XXXXXXXXXXXXXXXXX PREPREG XXXXXXXXXXXXXXXXXXXX
LYR3	XXXXXXXXXXXXXXXXX CORE XXXXXXXXXXXXXXXXXXXX
LYR4	XXXXXXXXXXXXXXXXX PREPREG XXXXXXXXXXXXXXXXXXXX

HOLE SIZE CHART

SYM	SIZE	QTY	PTH
+	.010+/- .003	72	YES
X	.064+/- .003	6	YES
□			
◇			
⊗			
⊗			

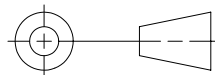
NOTES: UNLESS OTHERWISE SPECIFIED

- ARTWORK P/N DC420A REV 2.
- FAB PER IPC-A-600
- 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-0 MINIMUM .
- OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 30 MIL
TRACE. SEE STACKUP DIAGRAM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
-A- AND -B- ARE PRIMARY DATUMS.
- DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH
HOLES WITH COPPER, .001 INCH THICK MIN. ALL
HOLE SIZES ARE SPECIFIED AFTER PLATING.
HOLE LOCATION TOLERANCES ARE +/- .003
INCH IN RELATION TO CENTER
- FINISH: SMOBC USING LPI BOTH SIDES, GREEN PREFERRED.
SILKSCREEN BOTH SIDES WITH WHITE NON-CONDUCTIVE
INK.
- DROP ALL UNUSED PADS ON INNER LAYERS.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
- INNER AND OUTER LAYER COPPER SHALL BE EXPOSED IN
INSET AREA ALONG BOARD EDGES.
- SCORING:



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE $\pm 1^\circ$
2 PLACE $\pm .01$ 3 PLACE $\pm .005$
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

CONTRACT NO

APPROVALS

DATE

DRAWN L.SANTOS 4/10/01

CHECKED

APPROVED

ENGINEER



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TITLE

FAB, LTC440X, RF OUTPUT POWER CONTROLLER PCB

SIZE	CAGE CODE	DWG NO	REV
A		DC420A	2

SCALE	1/1	FILENAME: DC420Ar2.PCB	SHEET	1 OF 1
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