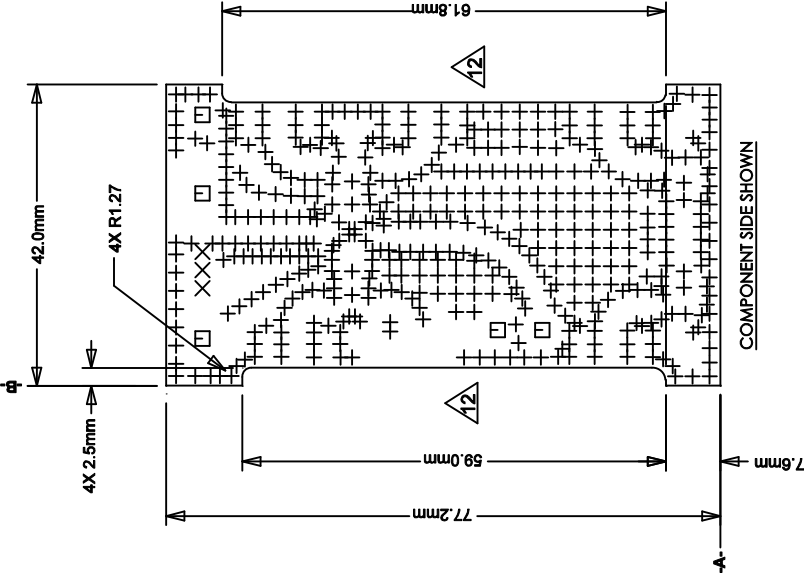


LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PRD	05/25/07	



NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK P/N DC1103A REV 3.
  - FAB PER IPC-A-600
  - MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4  
FINISHED THICKNESS TO BE 1.6mm +/- 0.13mm  
WITH 72µm (2 OZ.) COPPER ON TWO OUTER LAYERS  
AND 36µm (1 OZ.) COPPER FOR ALL INTERNAL LAYERS.  
FLAMABILITY RATING: 94 V-2 MINIMUM.
  - SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
-A- AND -B- ARE PRIMARY DATUMS.
  - BOARD: SELECTIVE PLATED BOARD. SOLDER MASK OVER BARE COPPER.  
GOLD IMMERSION BOTH SIDES.  
SOLDER MASK TYPE: WET PHOTO-IMAGEABLE  
THE PCB COLOR: GREEN  
SILKSCREEN BOTH SIDES WITH WHITE NON-CONDUCTIVE INK.  
PLATE THRU ALL HOLES WITH COPPER  
MIN. PLATING THICKNESS: 36µm (1 OZ.) EXCEPT WHERE PLATING NOT REQUIRED
  - DRILL: ALL HOLES SHALL BE DRILLED +/-0.08mm 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.
  - OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 0.762mm TRACE. SEE STACKUP DIAGRAM.
  - CONTROLLED 50 OHM IMPEDANCE(AT 300MHz FREQ.) FOR LAYERS 1-2.
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0.4mm THICKNESS REFLECTS DIELECTRIC CONSTANT OF 4.1@ 2GHz SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS.  
INNER AND OUTER LAYER COPPER SHALL BE EXPOSED ALONG BOARD EDGES.  
DO NOT MODIFY INNER LAYER COPPER  
COPPER BACKOFF OUTLINE.

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SIZE	QTY	SYM	PLATED	TOL
0.25	466	+	YES	+/-0.08
0.89	3	X	YES	+/-0.08
2.36	5	□	YES	+/-0.13

TOP  
LVR1  
LVR2  
LVR3  
LVR4  
BOTTOM

DIELECTRIC THICKNESS  
approx 0.4mm

LAYERING STRUCTURE

CONTRACT NO.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ON ANGLE ± 1°  
.XX ± 0.25  
XXX ± 0.127

THIRD ANGLE PROJECTION	APPROVALS	DATE
	DRAWN MEI	05/25/07
	CHECKED	
	APPROVED	
DO NOT SCALE DRAWING	DESIGNED BY	

**LINEAR**  
TECHNOLOGY

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Milpitas, CA 95035

Phone: (408)432-1900  
Fax: (408)434-0507

FAB, LTC6410CUD-6, IF AMPLIFIER

SIZE	CAGE CODE	DWG NO.	REV
A		DC1103A	3
SCALE 1/1	FILENAME: 1103A-3.PCB	SHEET 1 OF 1	