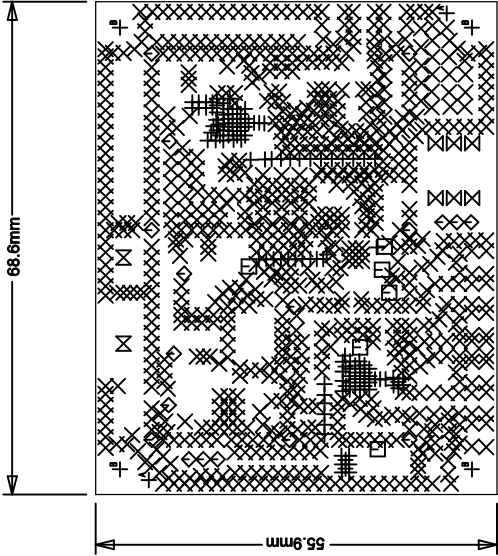


LTC CONFIDENTIAL - For Customer Use Only



COMPONENT SIDE SHOWN

ECO	REV	DESCRIPTION	DATE	APPROVED

10 DIELECTRIC THICKNESS approx 0.4mm
TOP LAYER PREPREG XXXXXXXXXXXXXXXX
LYR1 LAYER PREPREG XXXXXXXXXXXXXXXX
LYR2 LAYER PREPREG XXXXXXXXXXXXXXXX
LYR3 LAYER PREPREG XXXXXXXXXXXXXXXX
LYR4 LAYER PREPREG XXXXXXXXXXXXXXXX
BOTTOM LAYER PREPREG XXXXXXXXXXXXXXXX

LAYERING STRUCTURE

NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK PIN DC1164A REV 3.
- FAB PER IPC-A-600
- MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
FINISHED THICKNESS TO BE 1.6mm +/- .0.13mm
WITH 36uM (1 OZ.) COPPER ON TWO OUTER LAYERS
AND 36uM (1 OZ.) COPPER FOR ALL INTERNAL LAYERS.
FLAMABILITY RATING: 94 V-2 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 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: 36uM (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 0.660mm TRACE. SEE STACKUP DIAGRAM.
- 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.

SIZE	QTY	SYM	PLATED	TOL
0.25	126	+	YES	+/-0.08
0.41	866	X	YES	+/-0.08
0.5	6	□	YES	+/-0.08
0.8	18	◇	YES	+/-0.08
1	6	⊗	YES	+/-0.08
1.63	2	⊗	YES	+/-0.13
1.78	2	⊕ ^A	NO	+/-0.13
4.75	4	⊕ ^B	NO	+/-0.25

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1° .XX ± .08 .XXX ± .127	CONTRACT NO.		LINEAR TECHNOLOGY 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507	
	THIRD ANGLE PROJECTION	APPROVALS	DATE	TITLE
		DRAWN MEI CHECKED APPROVED	10/23/06	FAB, HIGH SPEED ADC TESTER
	DO NOT SCALE DRAWING	DESIGNED BY		
SIZE A		CAGE CODE	DWG NO. DC1164A	REV 2
SCALE 1/1		FILENAME: 1164a-3.PCB	SHEET 1 OF 1	