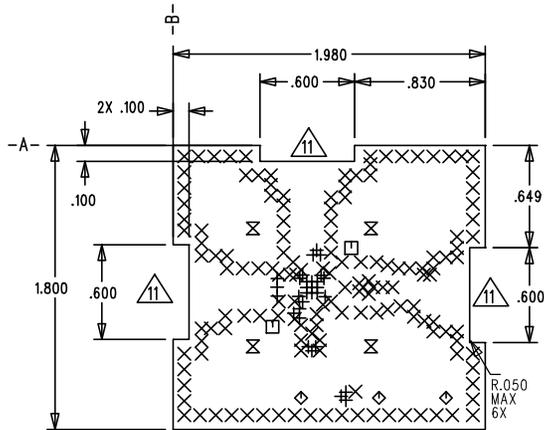


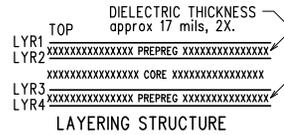
LTC CONFIDENTIAL – For Customer Use Only

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	1	DEMO BOARD RELEASE	4/23/02	



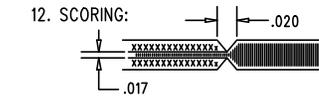
COMPONENT SIDE



NOTES: UNLESS OTHERWISE SPECIFIED

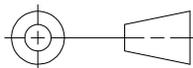
- ARTWORK P/N DC478B REV 1.
- FAB PER IPC-A-600
- MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4 FINISHED THICKNESS TO BE .062 +/- .005 INCH WITH 2 OZ. COPPER ON TWO OUTER LAYERS AND 1 OZ. COPPER ON TWO INTERNAL LAYERS. FLAMABILITY RATING: 94 V-0 MINIMUM .
- OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 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 TWO INSET AREAS ALONG BOARD EDGES.

HOLE SIZE CHART				
SYM	SIZE	QTY	PTH	
+	.010+/- .003	31	YES	
X	.015+/- .003	148	YES	
□	.067+/- .002	2	NO	
◇	.093+/- .003	3	YES	
⊗	.173+/- .002	4	NO	



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 L.SANTOS	4/23/02
CHECKED S. HSIAO	5/9/02
APPROVED S. HSIAO	5/9/02
ENGINEER V. DVORKIN	

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

TITLE FAB, DOWNCONVERTING MIXER (PCS) PCB

SIZE A	CAGE CODE	DWG NO DC478B	REV 1
SCALE 1/1		FILENAME: 478Br1.PCB	SHEET 1 OF 1