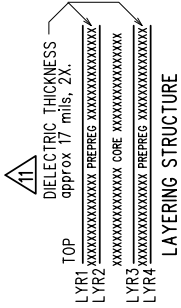
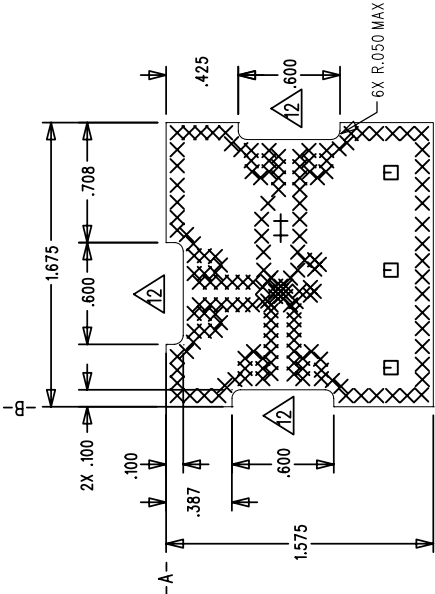


DWG NO DC795A		SH 1	REV 1
REVISION HISTORY			
ECO	REV	DESCRIPTION	DATE
	1	PROTOTYPE	05/11/04
APPROVED			

- NOTES: UNLESS OTHERWISE SPECIFIED
- ARTWORK P/N DC795A 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 32 MIL
TRACE. SEE STACKUP DIAGRAM.
 - SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
-A- AND -B- 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 BOTH SIDES 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.
 - CONTROLLED 50 OHM IMPEDANCE(AT 2.5GHZ FREQ.) FOR LAYER 1-2.
 - 17 MILLS 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 IN
TWO INSET AREAS ALONG BOARD EDGES.
DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE.



FAB Drawing

SIZE	QTY	SYM	PLTD
15	2	+	PLTD
10	168	X	PLTD
93	3	□	PLTD

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		CONTRACT NO	
		APPROVALS	DATE
		DRAWN JUNE WU	05/11/04
		CHECKED	
		APPROVED	
THIRD ANGLE PROJECTION		ENGINEER	
DO NOT SCALE DRAWING			
		SIZE A	REV A
		CAGE CODE	REV A
		DWG NO DC795A	REV A
		SCALE 1/1	1 OF 1
		FILENAME:	SHEET 1 OF 1



LT5527EUF, HIGH LINEARITY DOWNCONVERTING MIXER

TITLE