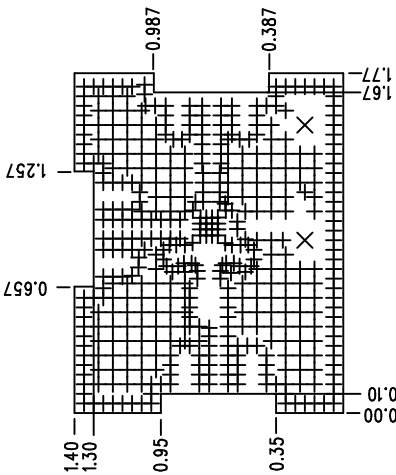


REVISIONS			
REV	DESCRIPTION	APPR	DATE



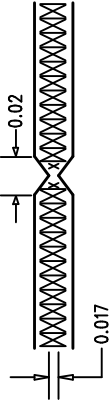
Top Side

NOTES: UNLESS OTHERWISE SPECIFIED

- ARTWORK P/N DC1233A.
- FAB PER IPC-A-600
- MATERIAL: NELCO N4000-13  
FINISHED THICKNESS TO BE .062 +/- .005 INCH WITH 2 OZ. COPPER ON TWO OUTER LAYERS AND 1 OZ. COPPER ON TWO INTERNAL LAYERS.  
FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES +/-0.003.  
0.00" ARE PRIMARY DATUMS.
- BOARD: SELECTIVE PLATED BOARD. SOLDER MASK OVER BARE COPPER.  
IMMERSION GOLD SOLDER PLATING.
- 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 +/-0.003 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 TO ADD LOGO OR DATE CODE.  
BUT YOU MAY MODIFY PAD SIZE TO MEET END FINISH.
- OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 28 MIL TRACE. CONTROLLED 50 OHM IMPEDANCE (AT 3.6GHz FREQ.)  
TOL: +/- 5% FOR MICROSTRIP LINE ON LAYER 1.
- 15 MILLS THICKNESS REFLECTS DIELECTRIC CONSTANT OF 3.7.  
SUBJECT FOR ADJUSTMENT BY MANUFACTURER.
- INNER AND OUTER LAYER COPPER SHALL BE EXPOSED IN THREE INSET AREAS ALONG BOARD EDGES.  
DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE.
- PCBS ARE TO BE ROHS COMPLIANT.

SIZE	QTY	SYM	PLTD	TOL
0.01	452	+	YES	+/-0.003
0.095	2	X	YES	+/-0.003

13. SCORING:



10. DIELECTRIC THICKNESS approx 15 mils, 2X.


TOP  
LYR1 XXXXXXXXXXXX PREPREG XXXXXXXXXXXX  
LYR2 XXXXXXXXXXXX CORE XXXXXXXXXXXX  
LYR3 XXXXXXXXXXXX PREPREG XXXXXXXXXXXX  
LYR4 XXXXXXXXXXXX PREPREG XXXXXXXXXXXX

LAYERING STRUCTURE

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

APPROVALS		INIT	DATE
DRAWN	CHECK		
DESIGN	ENGR		

SCALE = NONE



1630 McCarthy Blvd.  
Milpitas, CA 95035  
PH: (408)432-1900

TITLE: LT5579IUH  
HIGH LINEARITY ACTIVE MIXER

SIZE A DEMO DC1233A-A/B/C/D REV. A

DES-250 SHT 1 of 1

### Fabrication Drawing