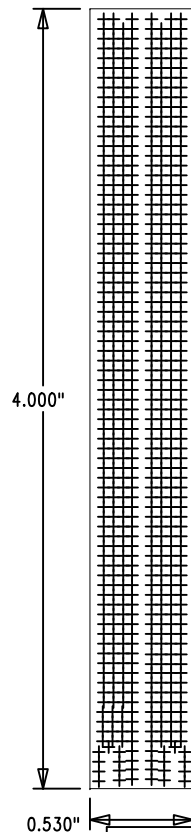
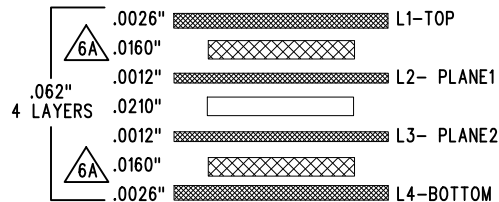


LTC DESIGNED  
IMPEDANCE TEST  
STRUCTURE COUPON

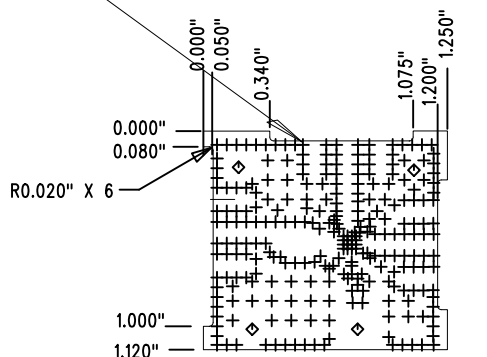


0.530"

## LAYER STRUCTURE



DO NOT ALTER ANY COPPER PLANES IN ALL LAYERS



DRILL DRAWING LAYER  
LINEAR TECHNOLOGY  
DATE: 01-13-15  
DC2322A-1 LTC5576EUIF  
3-8 GHz HIGH LINEARITY UPMIXER

SIZE	QTY	SYM	PLATED	TOL
0.008	882	+	YES	+/-0.003
0.066	4	◇	YES	+/-0.003

## REVISION HISTORY

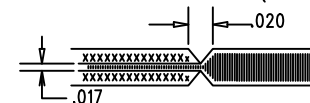
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	1	PROTOTYPE	WESTON S.	01-13-15

## NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -EPOXY FIBERGLASS, NELCO 4000-13 EP  
-FINISHED THICKNESS TO BE 0.062" +/- .005"  
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
- DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.  
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.  
-HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER
- FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
-FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.
- CONTROLLED 50 OHM +/-5% IMPEDANCE FOR LAYER 1-2  
TRACE WIDTH 30 MILS. MUST BE TESTED ON LTC DESIGNED IMPEDANCE TEST STRUCTURE COUPON.

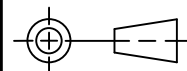
**6A** SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.

- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE. PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):



## UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
0.XX" = ±0.01"  
0.XXX" = ±0.005"  
INTERPRET DIM AND TOL  
PER ASME Y14.5M-1994  
THIRD ANGLE PROJECTION



## APPROVALS

PCB DES.	AK
APP ENG.	WESTON S.
SCALE = NONE	



1630 MCCARTHY BLVD  
MILPITAS, CA 95035  
PH: (408)432-1900  
www.linear.com  
LTC CONFIDENTIAL -  
FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING

3-8 GHz HIGH LINEARITY UPMIXER

SIZE	IC NO.	LTC5576IUF	REV
N/A		DEMO CIRCUIT 2322A	1
FILENAME:	DC2322A-1.PCB	SHT 1 OF 1	