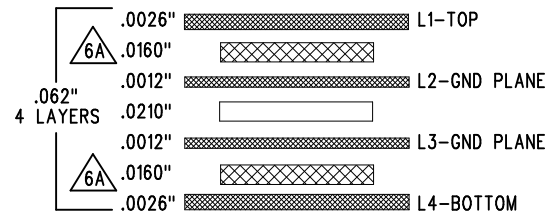
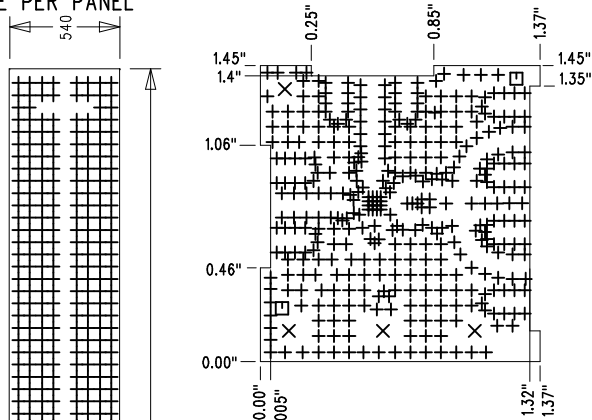


## LAYER STRUCTURE

REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	2	PRODUCTION	VLAD D.	01-11-12



IMPEDANCE TEST  
STRUCTURE COUPON  
ONE PER PANEL

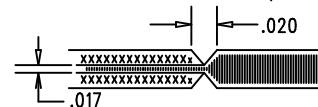


DRILL DRAWING LAYER  
LINEAR TECHNOLOGY DATE: 01-11-12  
DC1861A-2\* LTC5567IUF  
300MHz-4GHz 3.3V  
DOWNCONVERTING MIXER

SIZE	QTY	SYM	PLATED	TOL
0.008	887	+	YES	+/-0.003
0.063	4	X	YES	+/-0.003
0.07	2	□	NO	+/-0.003

## NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -EPOXY FIBERGLASS, NELCO 4000-13  
-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 COUPON.
- 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		APPROVALS				1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY	
DIMENSIONS ARE IN INCHES		PCB DES.	AK				
TOLERANCES:		APP ENG.	VLAD D.	TITLE: FABRICATION DRAWING		300MHz-4GHz 3.3V DOWNCONVERTING MIXER	
0.XX" = ±0.01"				SIZE		IC NO. LTC5567IUF	
0.XXX" = ±0.005"				N/A		DEMO CIRCUIT 1861A	
INTERPRET DIM AND TOL PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION		SCALE = NONE		FILENAME: DC1861A-2.PCB		REV 2	
						SHT 1 OF 1	