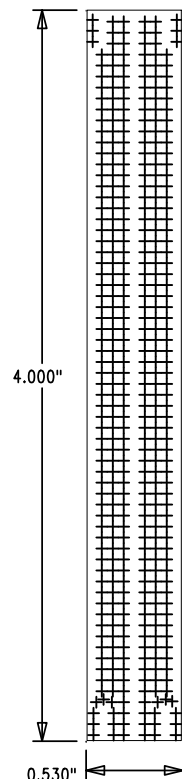
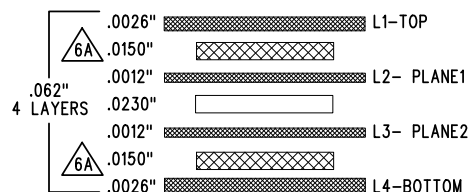


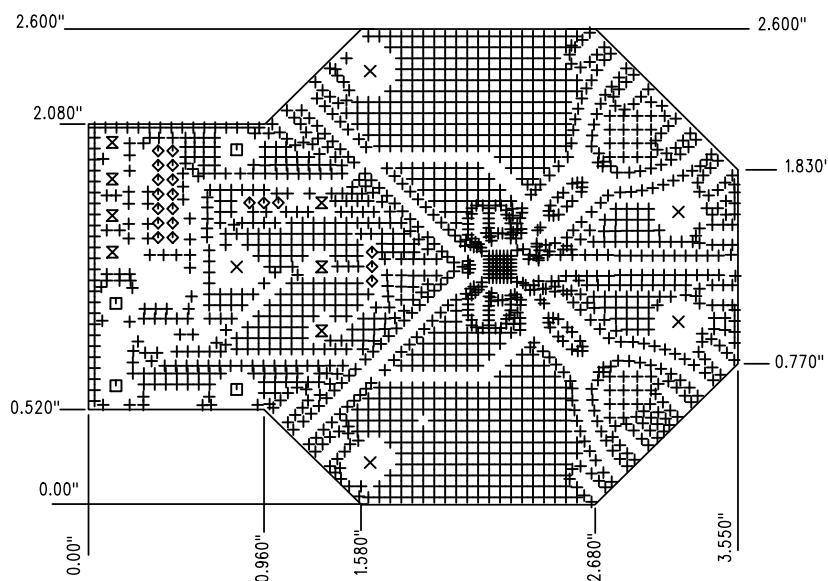
LTC DESIGNED
IMPEDANCE TEST
STRUCTURE COUPON



LAYER STRUCTURE



DO NOT ALTER ANY COPPER PLANES IN ALL LAYERS



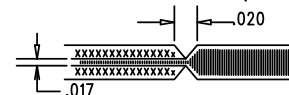
DRILL DRAWING LAYER
LINEAR TECHNOLOGY
WIDEBAND IQ DEMODULATOR
DC2349A-3-LTC5586
DATE: 05-06-2016


SIZE	QTY	SYM	PLATED	TOL
0.006	2045	+	YES	+/-0.003
0.187	5	X	NO	+/-0.003
0.096	4	□	YES	+/-0.003
0.035	20	◇	YES	+/-0.003
0.066	7	⊗	YES	+/-0.003

REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	3	PRODUCTION	SUNNY H.	05-06-16

NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -EPOXY FIBERGLASS, NELCO 4000-13 EP SI
-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 AND FOR LAYER 3-4 FOR TRACE WIDTH 30 MILS MUST BE TESTED ON LTC DESIGNED IMPEDANCE TEST STRUCTURE COUPON.
EVERY PANEL MUST BE FABRICATE WITH ONE LTC DESIGNED IMPEDANCE TEST STRUCTURE COUPON
MARK PANEL NUMBER ON BOARDS AND 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		 LINEAR TECHNOLOGY 1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY	
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		PCB DES.	AK		
		APP ENG.	SUNNY H.	TITLE: FABRICATION DRAWING	
				WIDEBAND IQ DEMODULATOR	
				SIZE N/A	IC NO. LTC5586IUH
					REV 3
				SCALE = NONE	FILENAME: DC2349A-2.PCB
					SHT 1 OF 1