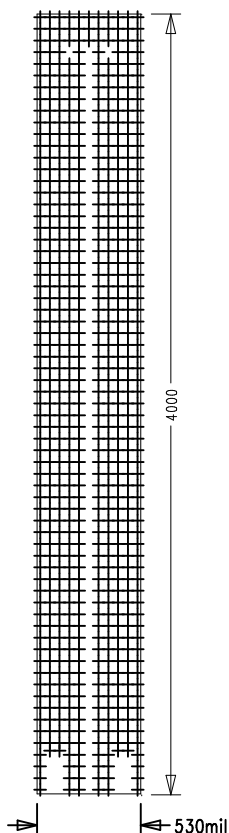
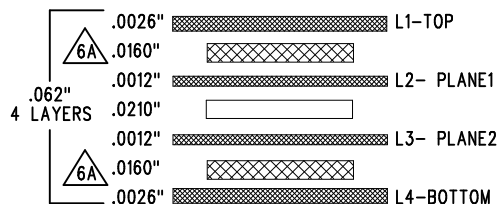


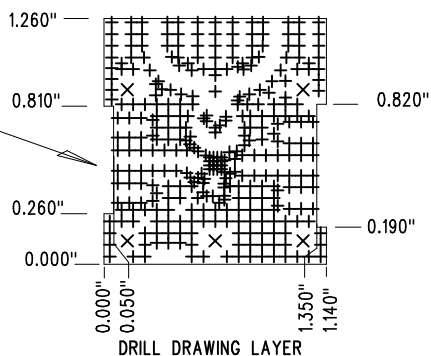
LTC DESIGNED
IMPEDANCE TEST
STRUCTURE COUPON



LAYER STRUCTURE



DO NOT ALTER ANY COPPER PLANES IN ALL LAYERS



DRILL DRAWING LAYER
LINEAR TECHNOLOGY DATE: 01-20-2012
DC1885A-2 * LTC5544IUF
4GHz to 6GHz HIGH DYNAMIC RANGE
DOWNCONVERTING MIXER

SIZE	QTY	SYM	PLATED	TOL
0.008	988	+	YES	+/-0.003
0.063	5	X	YES	+/-0.003

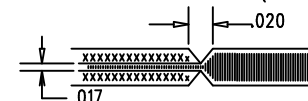
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	2	PRODUCTION	SUNNY H.	01-20-12

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 IMPEDANCE TEST STRUCTURE COUPON.

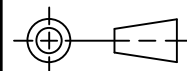
6A SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.

- 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.	SUNNY H.
SCALE = NONE	



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

TITLE: FABRICATION DRAWING
4GHz TO 6GHz HIGH DYNAMIC RANGE
DOWNCONVERTING MIXER

SIZE IC NO. LTC5544IUF
N/A DEMO CIRCUIT 1885A

REV 2

FILENAME: DC1885A-2.PCB

SHT 1 OF 1