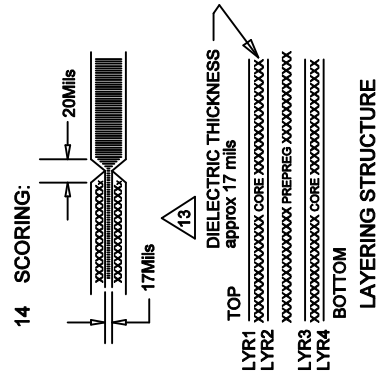
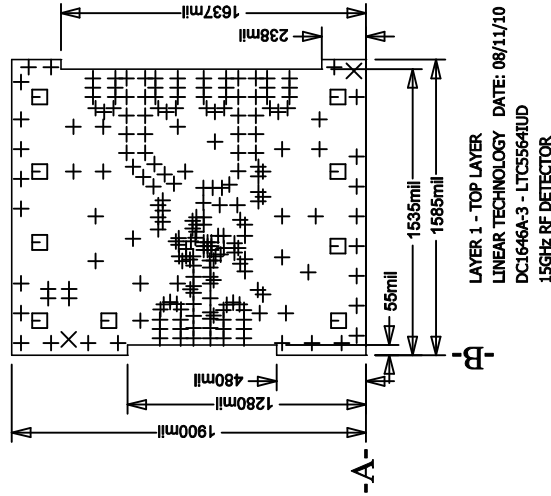




SIZE	QTY	SYM	PLATED	TOL
8	219	+	YES	+/-3mil
70	2	X	NO	+/-3mil
65	9	□	YES	+/-3mil

REVISION HISTORY			
ECO	REV	DESCRIPTION	DATE
-	3	PRODUCTION	VLAD D. 08/11/10

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DEMO CIRCUIT 1646A Rev 3.
2. FAB PER IPC-A-600
3. PCB SHALL BE RoHS COMPLIANT.
4. MATERIAL:
 - A. LAMINATE: EPOXY & PREPREG, NELCO N4000-13.
FLAMMABILITY RATING: 94 V-2 MINIMUM .
 - B. THICKNESS: 0.062 +/- 0.005
 - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS.
1 OZ. (25um) COPPER ON TWO INTERNAL LAYERS.
5. FINISH:
 - A. COATING: SOLDERMASK OVER BARE COPPER,
COLOR, GREEN LPI.
 - B. PLATING: GOLD IMMERSION BOTH SIDES.
 - C. SILKSCREEN: COMPONENT SIDE WITH WHITE
NON-CONDUCTIVE INK.
6. TOLERANCES:
 - A. WARPAGE: (0.003) MAX. ALONG THE LONGEST DIAG.
AS PER IPC-TM650 METHOD 2.4.22.
 - B. ETCHING: +0.0012, -0.012 OF MASTER PATTERN.
 - C. REGISTRATION: 0.002 MAX.
 - D. MASK THICKNESS: 0.001 MIN., 0.003 MAX.
 - E. HOLE PLATING: 22um +/- 3um.
7. SIZE:
 - A. CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 ARE PRIMARY DATUMS.
 8. HOLE DIAMETERS ARE POST-PLATED SIZES.
 9. DEBURR AND BREAK ALL SHARP EDGES.
 10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
 11. OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING
0.762mm TRACE. SEE STACKUP DIAGRAM.
 12. CONTROLLED 50 OHM IMPEDANCE +/- 5% (AT 15GHz FREQ.)
FOR LAYERS 1-2
13. 0.4mm THICKNESS REFLECTS DIELECTRIC CONSTANT OF
3.7@ 2GHz SUBJECT TO CHANGE BY MANUFACTURER,
DEPEND ON DIELECTRIC CONSTANT DEVIATIONS.



UNLESS OTHERWISE SPECIFIED		APPROVALS		 LINEAR TECHNOLOGY LITC CONFIDENTIAL- FOR CUSTOMER USE ONLY		1530 MCARDY BLVD WILSON, MA 01973-1005 PH: (401) 552-1000 FAX: (401) 552-1001 WWW.LINEAR.COM	
DIMENSIONS ARE IN INCHES		POB DES.		PCB		REV	
TOLERANCES:		APP ENG.		VLAD D.		3	
0.50" = ± 0.01"						LTC5564IUUD	
0.300" = ± 0.005"						DEMO CIRCUIT 1646A	
INTERPRET DIM AND TOL PER ASME Y14.5M-1994						SIZE IC NO.	
THIRD ANGLE PROJECTION						N/A	
						FILENAME: 1646A-3.PCB	
		SCALE = NONE				SHEET 1 OF 2	