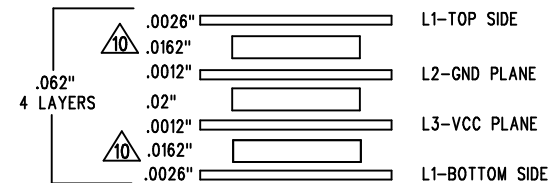


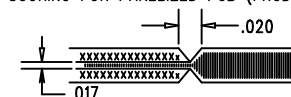
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	1	1ST PROTOTYPE	JOHN C.	02-15-13

LAYER STRUCTURE for FR-370HR, DIELECTRIC CONSTANT=4.7



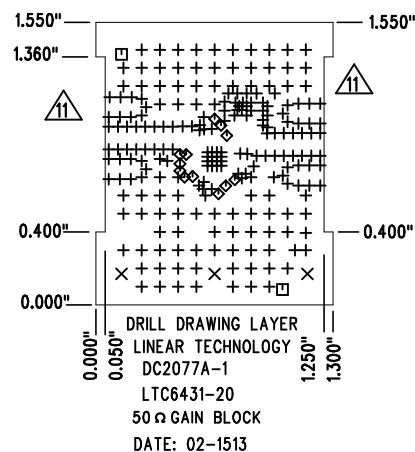
NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.
-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 LAYERS 1-2 USING 0.027" TRACE
- 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):


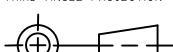


10. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.

11. INNER AND OUTER LAYER COPPER SHALL BE EXPOSED ALONG BOARD EDGES. DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE (SMA CONNECTOR).



SIZE	QTY	SYM	PLATED	TOL
0.008	220	+	YES	+/-0.003
0.094	3	X	YES	+/-0.003
0.07	2	□	NO	+/-0.003
0.012	12	◇	YES	+/-0.003

UNLESS OTHERWISE SPECIFIED		APPROVALS		<div></div> <div>LINEAR TECHNOLOGY</div> <div>1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY</div>	
DIMENSIONS ARE IN INCHES		PCB DES.	AK		
TOLERANCES:		APP ENG.	JOHN C.	TITLE: FABRICATION DRAWING	
0.XX" = ±0.01"				50 Ω GAIN BLOCK	
0.XXX" = ±0.005"					
INTERPRET DIM AND TOL PER ASME Y14.5M-1994				SIZE	IC NO. LTC6431-20
THIRD ANGLE PROJECTION				N/A	DEMO CIRCUIT 2077A
				FILENAME:	DC2077A-1.PCB
		SCALE = NONE		SHT	1 OF 1