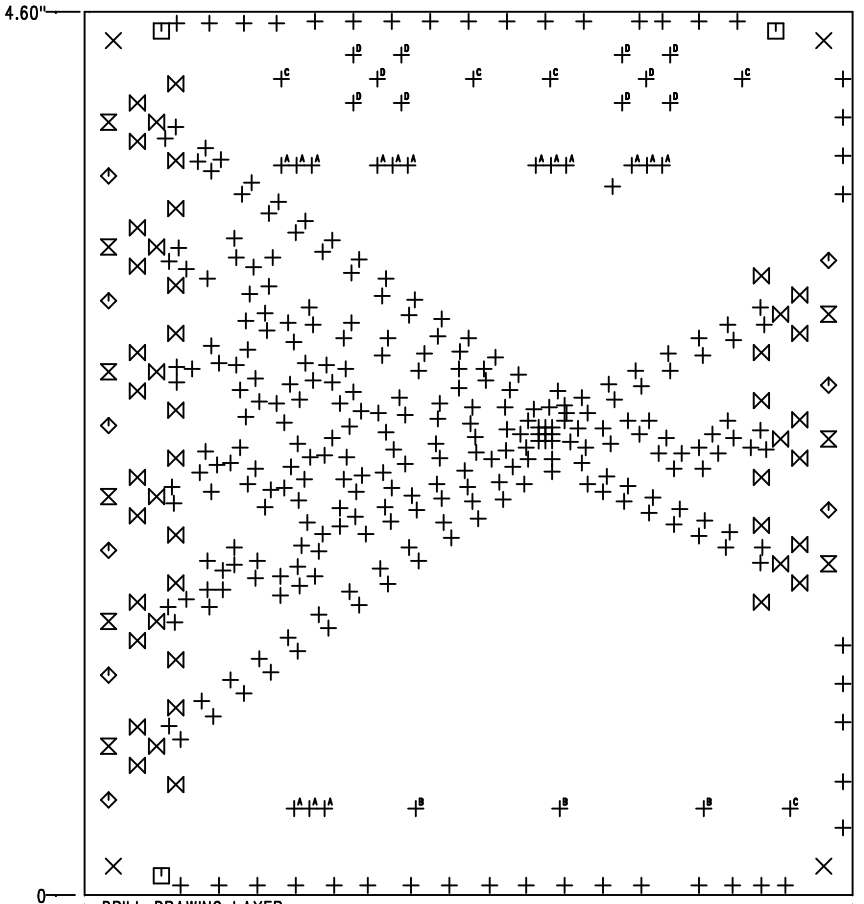
REVISIONS			
REV	DESCRIPTION	APPR	DATE
A	PROTOTYPE RELEASE		

SHOWN FROM COMPONENT SIDE

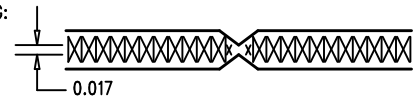


DRILL DRAWING LAYER
LINEAR TECHNOLOGY
DC892A-1 * LT6555CUF/LT6556CUF
650MHz, HIGH SPEED TRIPLE 2:1 VIDEO MULTIPLEXER
DATE: 06-29-05

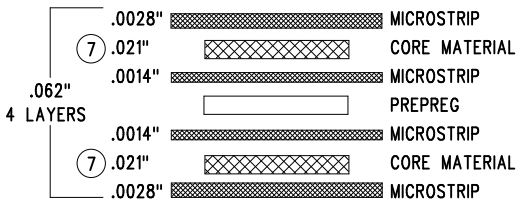
SIZE	QTY	SYM	PLTD	TOL
0.015	296	+	YES	+/-0.003"
0.19	4	X	YES	+/-0.003"
0.07	3	□	NO	+/-0.003"
0.15	9	◇	YES	+/-0.003"
0.1	9	⧖	YES	+/-0.003"
0.065	45	⋈	YES	+/-0.003"
0.035	15	+A	YES	+/-0.003"
0.21	3	+B	YES	+/-0.003"
0.094	5	+C	YES	+/-0.003"
0.055	10	+D	YES	+/-0.003"

NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
   FINISHED THICKNESS TO BE 0.062" +/- 0.006"
   TOTAL OF 4 LAYERS WITH 2 OZ. COPPER ON THE OUTER LAYERS AND 1 OZ. COPPER ON THE INTERNAL LAYERS.
   FLAMABILITY RATING: 94 V-O MINIMUM .
3. FINISH: SMOBC USING LPI BOTH SIDES, COLOR GREEN.
   SILVER IMMERSION (OMIKRON).
   FOR SILKSCREEN: USE WHITE NON-CONDUCTIVE INK.
4. DRILLLING: DRILL HOLES PER SCHEDULE. ALL PLATED THROUGH HOLES WITH COPPER, 0.001" MIN. / 0.0015" MAX. COPPER PLATE
   ALL HOLE SIZES ARE SPECIFIED AFTER PLATING. HOLE LOCATION TOLERANCES ARE +/-0.01" IN RELATION TO CENTER
5. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
6. CONTROLLED 75 OHM IMPEDANCE (AT 2.5 GHz FREQ.) FOR LAYER 1-2. TRACE WIDTH ARE 0.01" MINIMUM.
   AIRGAP SPACING SHOULD BE 0.010".
7. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.
8. SCORING:



LAYER STRUCTURE



APPROVALS		
	INIT	DATE
DRAWN		
CHECK		
DESIGN	KIM T.	06-29-05
ENGR	JON M.	06-29-05

SCALE = NONE

LINEAR TECHNOLOGY
1630 McCarthy Blvd.
Milpitas, CA 95035
PH: (408)432-1900

TITLE: FABRICATION DRAWING
650MHz, HIGH SPEED TRIPLE 2:1 VIDEO MULTIPLEXER

SIZE	DEMO	REV.
A	DC892A-1 LT6555CUF/LT6556CUF	A

DES- 0000 | SHT 1 of 1