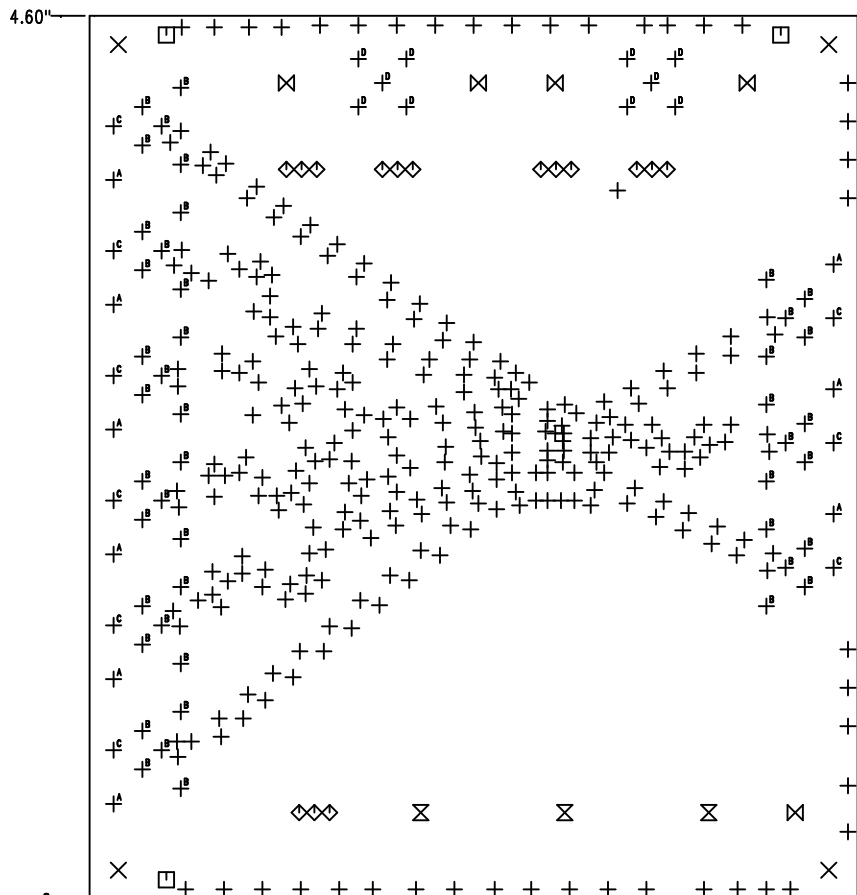
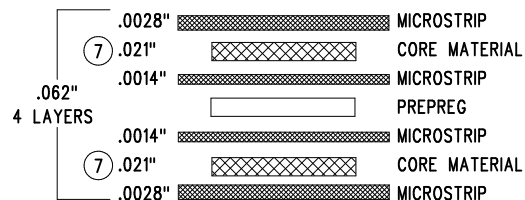


SHOWN FROM COMPONENT SIDE



DRILL DRAWING LAYER
LINEAR TECHNOLOGY
DC858A-LT6555CGN
HIGH SPEED TRIPLE 2:1 VIDEO MULTIPLEXER
DATE: 11-04-04

LAYER STRUCTURE

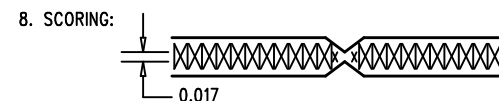



REVISIONS			
REV	DESCRIPTION	APPR	DATE
A	PROTOTYPE RELEASE		

SIZE	QTY	SYM	PLTD	TOL
0.015	294	+	YES	+/-0.003"
0.19	4	X	YES	+/-0.003"
0.07	3	□	NO	+/-0.003"
0.035	15	◇	YES	+/-0.003"
0.21	3	⊗	YES	+/-0.003"
0.094	5	⊗	YES	+/-0.003"
0.15	9	+ ^A	YES	+/-0.003"
0.065	45	+ ^B	YES	+/-0.003"
0.1	9	+ ^C	YES	+/-0.003"
0.055	10	+ ^D	YES	+/-0.003"

NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600
- 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-0 MINIMUM .
- FINISH: SMOBC USING LPI BOTH SIDES, COLOR GREEN.
WHITE TIN IMMERSION (OMIKRON).
FOR SILKSCREEN: USE WHITE NON-CONDUCTIVE INK.
- DRILLING: 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
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
- CONTROLLED 75 OHM IMPEDANCE (AT 2.5 GHz FREQ.) FOR LAYER 1-2. TRACE WIDTH ARE 0.01" MINIMUM.
AIRGAP SPACING SHOULD BE 0.017".
- SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.



APPROVALS			 <div>1630 McCarthy Blvd. Milpitas, CA 95035 PH: (408)432-1900</div>	
DRAWN	INIT	DATE		
CHECK			TITLE: FABRICATION DRAWING	
DESIGN	KIM T.	11-04-04	HIGH SPEED TRIPLE 2:1 VIDEO MULTIPLEXER	
ENGR	JON M.	11-04-04	SIZE A DEMO DC858A-LT6555CGN REV. A	
SCALE = NONE			DES- 0000 SHT 1 of 1	