

LAYER 1 - TOP LAYER

LINEAR TECHNOLOGY

DC1701A-1 \* LTC4098EUDC-3.6

USB COMPATIBLE SWITCHING POWER MANAGER/LI-ION

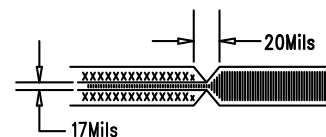
CHARGER WITH OVERVOLTAGE PROTECTION

DATE: 04-27-10



SIZE	QTY	SYM	PLATED	TOL
0.072	2	+	NO	+/-0.003"
0.19	4	X	YES	+/-0.003"
0.063	6	□	YES	+/-0.003"
0.01	90	◇	YES	+/-0.003"
0.094	6	⊗	YES	+/-0.003"
0.031	15	⊗	YES	+/-0.003"
0.0311	3	⊕ <sup>A</sup>	YES	+/-0.003"
0.035	2	⊕ <sup>B</sup>	NO	+/-0.003"
0.035	19	⊕ <sup>C</sup>	YES	+/-0.003"

## NOTES: UNLESS OTHERWISE SPECIFIED:

- ARTWORK P/N DEMO CIRCUIT 1701A-1
- FAB PER IPC-A-600. 4-Layers.
- MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4  
.062 +/- .005 INCH THICKNESS WITH 2 OZ.  
COPPER FINISH ON TWO OUTER LAYERS AND  
1 OZ. COPPER ON TWO INTERNAL LAYERS.  
FLAMMABILITY RATING: 94 V-2 MINIMUM .
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
- BOARD: SELECTIVE PLATED BOARD. SOLDER  
MASK OVER BARE COPPER, COLOR, GREEN LPI.  
GOLD IMMERSION (ENIG) BOTH SIDES.  
SILKSCREEN BOTH SIDES WITH WHITE NON-  
CONDUCTIVE INK.  
PLATE THRU ALL HOLES WITH COPPER  
MIN. PLATING THICKNESS: 1 OZ. EXCEPT  
WHERE PLATING NOT REQUIRED
- DRILL: ALL HOLES SHALL BE DRILLED +/-0.003 INCH  
WITH RESPECT TO CTR. OF DRILLED PAD.  
ALL HOLES FINISHED SIZE AFTER PLATING.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO, DATE CODE OR  
ELECTRICAL TEST STAMP, BUT YOU MAY MODIFY PAD SIZE TO  
MEET END FINISH.
- SCORING FOR PANELIZED PCB: "PRODUCTION RUN ONLY"



- DO NOT ALTER SOLDER MASK MAINTAIN .003" OVERSIZE  
ON SMT PADS. A .005" WEBBING IS REQUIRED BETWEEN SMD PADS.
- PCB'S ARE TO BE ROHS COMPLIANT.
- USE 8888 BOTTOM SILKSCREEN FOR SERIALIZATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE ±1 0.XX" = ±0.01" 0.XXX" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994	APPROVALS			 <b>LINEAR</b> TECHNOLOGY	1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.Linear.com LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY		
		INIT	DATE				
	PCB DES.	NC	4-27-10				
	APP ENG.	GB	4-27-10				
THIRD ANGLE PROJECTION				TITLE: FABRICATION DRAWING:			
				USB COMPATIBLE SWITCHING POWER MANAGER/LI-ION			
				CHARGER WITH OVERVOLTAGE PROTECTION			
				SIZE	IC NO.	LTC4098EUDC-3.6	REV.
				N/A		DEMO CIRCUIT 1701A	1
DO NOT SCALE DRAWING	SCALE: NONE			FILENAME: DC1701A-1.PCB			SHT 1 of 1