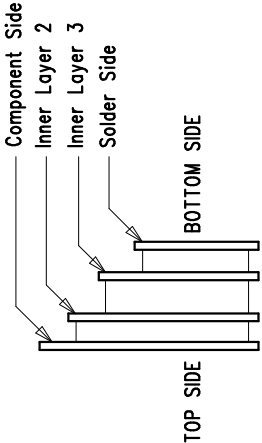


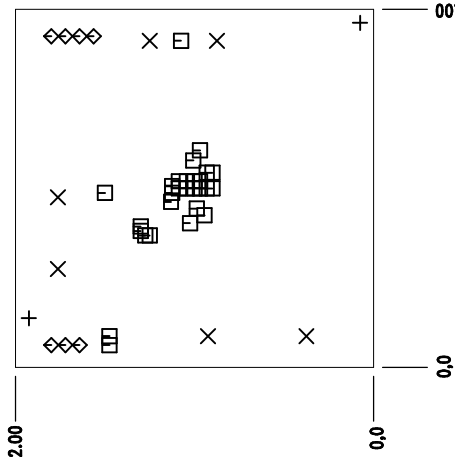
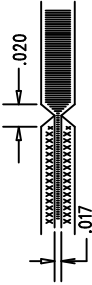
REVISION HISTORY			
ECO	REV	DESCRIPTION	APP. ENG. DATE
-	1	PRODUCTION	WALKER B. 03-29-10

LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED

- 1. FAB PER IPC-A-600.
- 2. MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4  
-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.
- 3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
- 4. 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
- 5. FINISH: -SNOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
(LEAD FREE SOLDER CAN BE USED FOR PROTOTYPE)  
-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
- 6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- 7. PCBs ARE TO BE RHFS COMPLIANT.
- 8. SCORING FOR PANELIZED PCB:



SHOWN FROM COMPONENT SIDE

SIZE	QTY	SYM	PLATED	TOL
0.07	2	+	NO	+/-0.003
0.095	6	X	YES	+/-0.003
0.01	28	□	YES	+/-0.003
0.04	7	◇	YES	+/-0.003

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
0.XXX" = ±0.01"  
0.XXX" = ±0.005"  
INTERPRET DIM AND TOL  
PER ASME Y14.5M-1994  
THIRD ANGLE PROJECTION

APPROVALS

PCB DES.	JUNE W.
APP ENG.	WALKER B.
TITLE: FABRICATION DRAWING	
1A FAULT TOLERANT MICROPOWER STEP-DOWN SWITCHING REGULATOR	
SIZE	IC NO. LT3695EMSE-3.3/5
N/A	REV 1
SCALE = NONE	
FILENAME: DC1578A.PCB	
SHT 1 OF 1	

1830 MCCARTHY BLVD  
MILPITAS, CA 95035  
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FAX: (408)432-1801  
LTC CONFIDENTIAL -  
FOR CUSTOMER USE ONLY

1A FAULT TOLERANT MICROPOWER  
STEP-DOWN SWITCHING REGULATOR