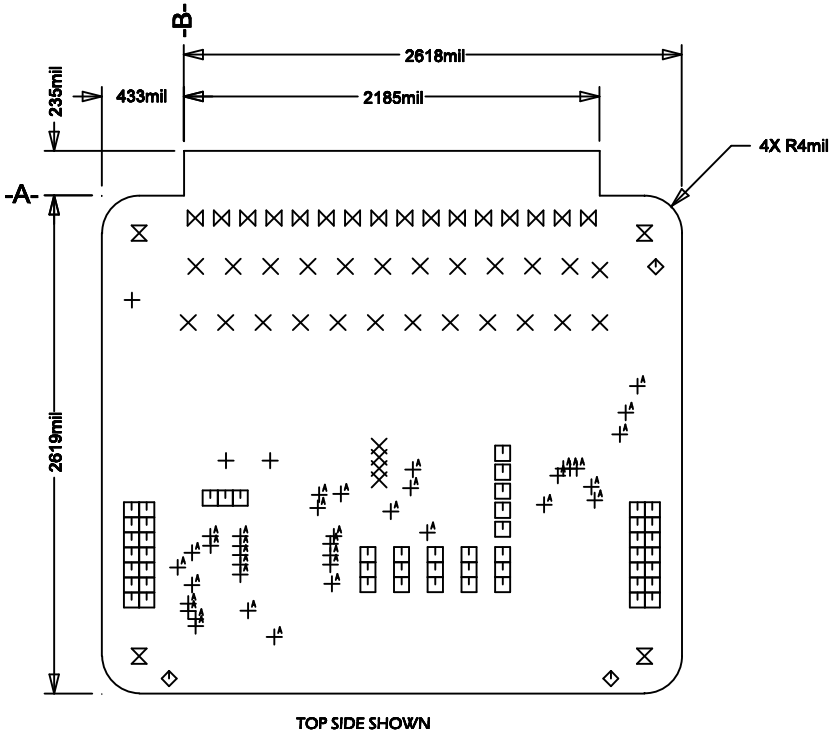
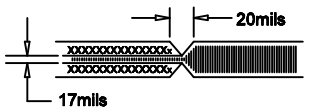


TOP SIDE SHOWN

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVAL	DATE
	1	FIRST PROTOTYPE	JON M.	05/17/11

NOTES: UNLESS OTHERWISE SPECIFIED,

1. FAB PER IPC-A-600
2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.
   -FINISHED THICKNESS TO BE .062 ± .005
   -TOTAL OF 2 LAYERS WITH 2 OZ. CU ON BOTH SIDES.
   -FLAMMABILITY RATING: 94 V-O 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, .001 THICK MIN. ALL HOLE SIZES ARE SPECIFIED AFTER PLATING. HOLE LOCATION TOLERANCES ARE ±.003 IN RELATION TO CENTER
5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
   -GOLD IMMERSION BOTH SIDES.
   -SILKSCREEN BOTH SIDES WITH 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 SHALL BE RoHS COMPLIANT.
8. SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):



SIZE	QTY	SYM	PLATED	TOL
10	38	A	YES	+/-0.08
20	28		YES	+/-0.08
35	51		YES	+/-0.08
56	16		YES	+/-0.08
65	3		YES	+/-0.13
70	3		NO	+/-0.005
187	4		NO	+/-0.005

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE ±1°
.XX ± .01
.XXX ± .005
INTERPRET DIM AND TOL PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

APPROVALS	
PCB DES.	MI
APP. ENG.	JON M.

SCALE: NONE

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TITLE: FABRICATION DRAWING,
ISOLATED 12-CELL BATTERY MONITOR

SIZE	IC NO	REV
N/A	LTC6803IG-4 DEMO CIRCUIT 1835A	1

FILENAME: 1835A-1.PCB

SHT 1 of 1