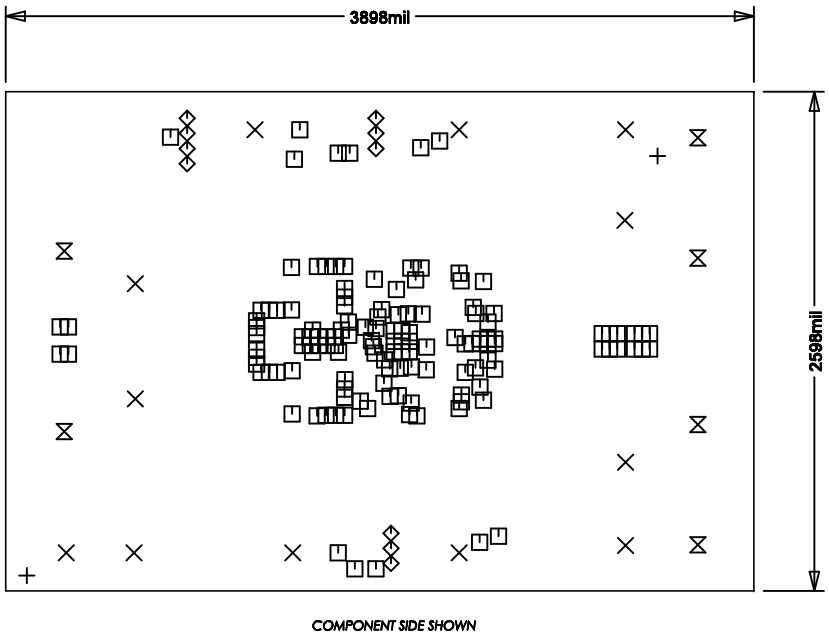
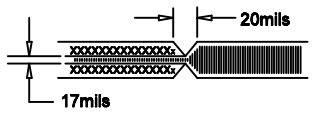


COMPONENT SIDE SHOWN

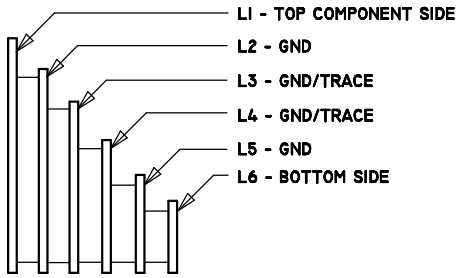
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVAL	DATE
	1	FIRST PROTO	YI S.	01/14/11

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 6 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.
   -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):



LAYER CONSTRUCTION



SIZE	QTY	SYM	PLATED	TOL
10	137	□	YES	+/-3mils
32	10	◇	YES	+/-3mils
70	2	+	NO	+/-5mils
95	12	×	YES	+/-5mils
205	6	⧖	YES	+/-10mils

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.	YI S.

SCALE: NONE

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TITLE: FABRICATION DRAWING,
DUAL PHASE / DUAL OUTPUT SYNCHRONOUS BUCK CONVERTER

SIZE	IC NO.	REV
N/A	LTC3869EUFD DEMO CIRCUIT 1807A	1

FILENAME: 1807a-1.PCB

SHT 1 of 1