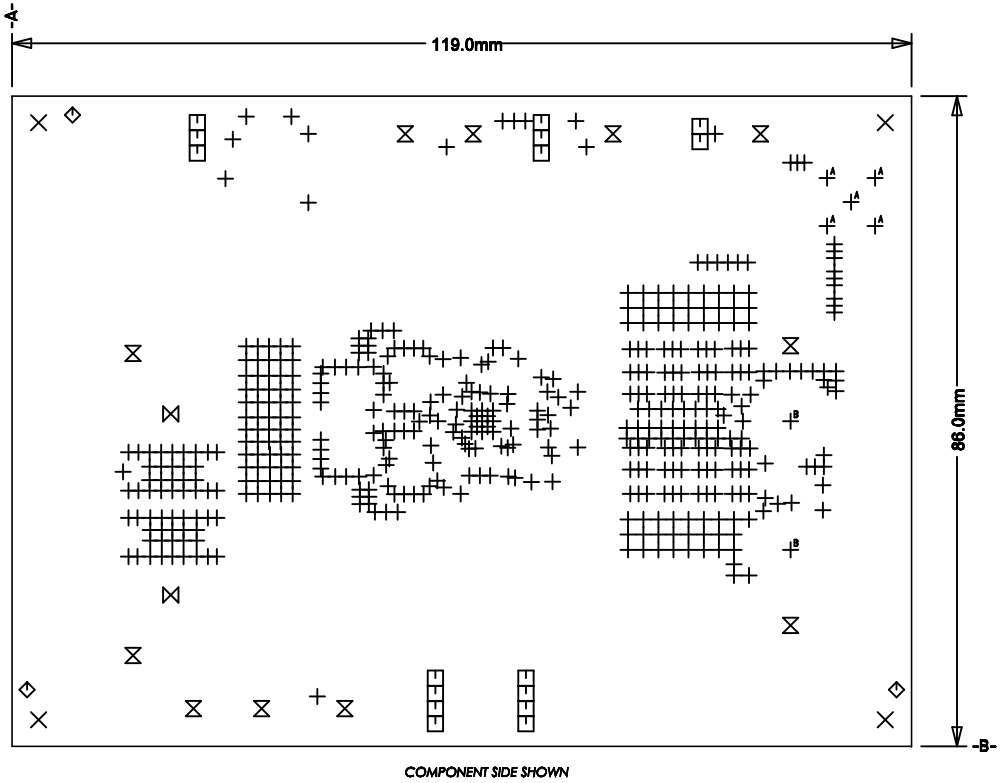
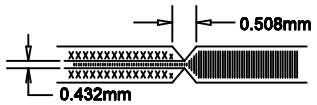


COMPONENT SIDE SHOWN

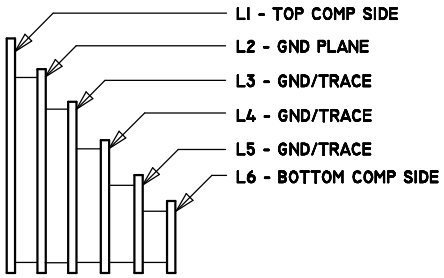
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVAL	DATE
-	2	PRODUCTION	JIAN L.	02/23/10

NOTES: UNLESS OTHERWISE SPECIFIED,

1. FAB PER IPC-A-600.
2. MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4
   -FINISHED THICKNESS TO BE 1.6mm +/- 0.127mm
   -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, 0.0254mm THICK MIN.
   -ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
   -HOLE LOCATION TOLERANCES ARE +/-0.08mm IN RELATION TO CENTER
5. FINISH: -SMOBC 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 RoHS COMPLIANT.
8. SCORING FOR PANELIZED PCB:

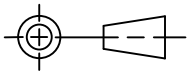


LAYER CONSTRUCTION



SIZE	QTY	SYM	PLATED	TOL
0.25	463	+	YES	+/-0.08
0.76	16	⊡	YES	+/-0.08
1.4	5	+A	YES	+/-0.13
1.78	3	◇	NO	+/-0.13
2.41	11	⧖	YES	+/-0.13
4.75	4	×	NO	+/-0.13
4.83	2	+B	YES	+/-0.13
5.21	2	⋈	YES	+/-0.25

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON ANGLE ±1°
.XX ± 0.254
.XXX ± 0.127
INTERPRET DIM AND TOL PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS	
PCB DES.	MI
APP. ENG.	JIAN L.

SCALE: NONE

LINEAR TECHNOLOGY
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www.linear.com

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TITLE: FABRICATION DRAWING,
HIGH EFFICIENCY POLYPHASE STEP-DOWN POWER SUPPLY

SIZE	IC NO	REV
N/A	LTC3856EUH DEMO CIRCUIT 1580A	2

FILENAME: 1580A-2.PCB

SHT 1 of 1