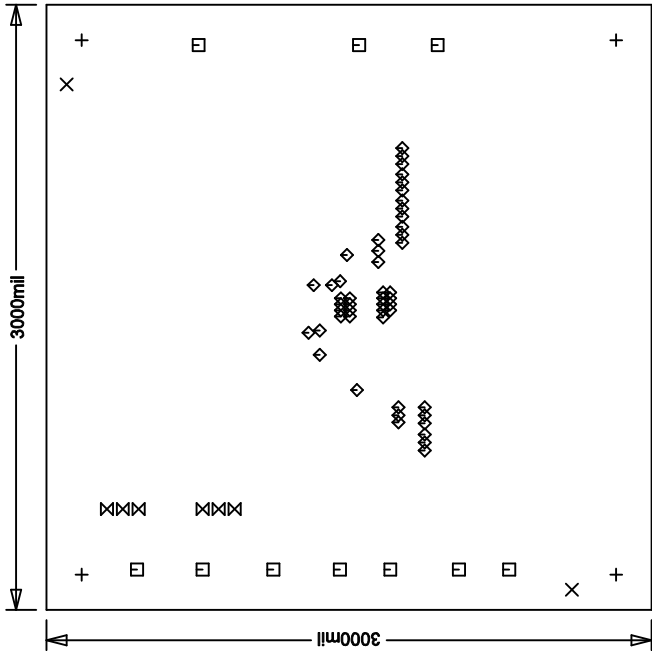
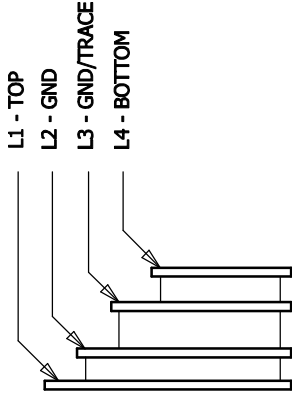


REVISION HISTORY			
ECO	REV	DESCRIPTION	APP. ENG.
-	1	1ST PROTOTYPE	ZHONGMING Y.
-	2	PRODUCTION	ZHONGMING Y.

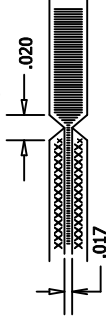


## LAYER STRUCTURE



## 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 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: -SMOBC USING LPT BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
-FOR SILKSCREENS: 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 (PRODUCTION FAB ONLY):



SIZE	QTY	SYM	PLATED	TOL
187	4	+	YES	+/-0.003
70.87	2	X	NO	+/-0.003
94.49	10	□	YES	+/-3Mils
10	49	◇	YES	+/-0.003
31	6	⊗	YES	+/-0.003

<b>LINEAR TECHNOLOGY</b> 1630 MCCARTHY BLVD SUITE 1100 FARMERSBURGH, NY 14055-1100 WWW.LINEAR.COM LIT. CONFIDENTIAL FOR CUSTOMER USE ONLY		<b>APPROVALS</b> PCB DES. R/B APP. ENG. ZHONGMING Y.	
		TITLE: FABRICATION DRAWING WIDE INPUT VOLTAGE RANGE BOOST CONVERTER	
SIZE	IC NO.	SIZE	REV
N/A	LT3959EUHE	N/A	2
FILENAME:	1853A-Rev2.PCB	FILENAME:	SHT 1 OF 1