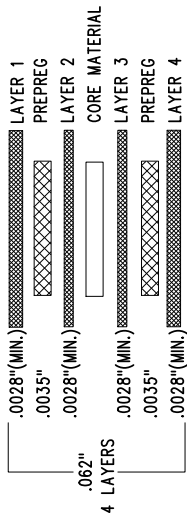
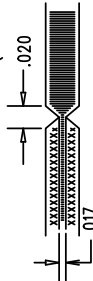


# LAYER STRUCTURE



## 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 2 OZ. CU ON THE INNER LAYERS.
  - FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00\"/>
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 LPI BOTH SIDES, COLOR GREEN.
  - GOLD IMMERSION BOTH SIDES.
  - FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.
6. DO NOT ALTER ARTWORK &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):



UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES:

0.XX = ± 0.01

0.XXX = ± 0.005

INTERPRET DIM AND TOL

PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION



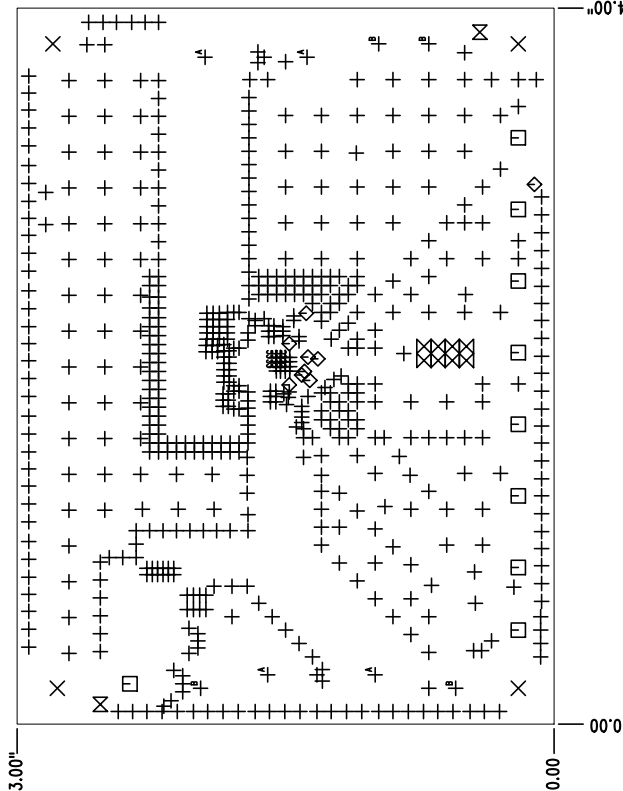
**LINEAR**  
TECHNOLOGY  
1830 MCARTHY BLVD  
MURFreesboro, TN 37132  
PH: (408)432-1800  
WWW.LINEARTECH.COM  
ETC CONFIDENTIAL -  
FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING

18V, 10A SYNCHRONOUS

STEP-DOWN SILENT SWITCHER 2

SIZE	IC NO.	REV
N/A	LT8642SEV	3
FILENAME:	DC2560A-3.PCB	SHT 1 OF 1



SIZE	QTY	SYM	PLATED	TOL
0.01	585	+	YES	+/-0.003
0.187	4	X	NO	+/-0.003
0.094	9	□	YES	+/-0.003
0.006	9	◇	YES	+/-0.003
0.035	8	⊗	YES	+/-0.003
0.07	2	⊗	NO	+/-0.003
0.215	4	†	YES	+/-0.003
0.065	4	†	YES	+/-0.003
0.012	16	†	YES	+/-0.003

ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:

1. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
2. PROVIDE COMPLIANCE CERTIFICATES FOR RoHS, REACH AND CONFLICT-FREE MINERALS.
3. SOLDERABILITY BOARD WITH TEST RESULTS.
4. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
5. VACUUM PACKED WITH DESICCANT.
6. FULL PANEL WITH NO REJECT.