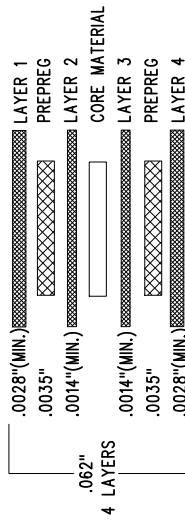
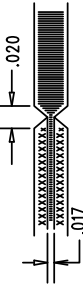


LAYER STRUCTURE



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 LPI 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):



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**

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MILPITAS, CA 95035  
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FAX: (408) 432-7800  
LTC CONFIDENTIAL -  
FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING

2MHZ, 2A MICROPOWER SYNCHRONOUS  
MONOLITHIC STEP-DOWN REGULATOR

SIZE: IC NO. LT8609AEMSE/LT8609EMSE REV  
N/A DEMO CIRCUIT 2195B 1

FILENAME: DC2195B-1PCB SHT 1 OF 1

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

SIZE	QTY	SYM	PLATED	TOL
0.01	511	+	YES	+/-0.003
0.187	4	X	NO	+/-0.003
0.07	2	□	NO	+/-0.003
0.094	10	◇	YES	+/-0.003
0.008	1	⊗	YES	+/-0.003
0.035	8	⊗	YES	+/-0.003