

Top Side

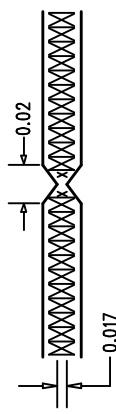
Linear Tech. Corp.  
Demo Circuit 1170A

SIZE	QTY	SYM	PLTD	TOL
0.07	2		NO	+/-0.003
0.095	12		YES	+/-0.003
0.01	103		YES	+/-0.003
0.035	7		YES	+/-0.003
0.185	4		NO	+/-0.003
0.033	4		YES	+/-0.003

## Fabrication Drawing

### NOTES : Unless Otherwise Specified

1. FAB PER IPC-A-600.
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.  
2 OZ. COPPER FINISH ON OUTER LAYERS.  
1 OZ. COPPER FINISH ON INNER LAYERS.  
THICKNESS .062 +/--.006 TOTAL OF 4 LAYERS.  
FLAMMABILITY RATING: 94 V-0 MINIMUM .
3. SIZE: DIMENSIONS SHOWN AND TOLERANCES TOL: +/--.010  
0.000 ARE PRIMARY DATUMS.
4. DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH  
HOLES WITH COPPER .001 INCH THICK MIN. ALL  
HOLE SIZES ARE SPECIFIED AFTER PLATING.  
HOLE LOCATION TOLERANCES ARE +/--.003  
INCH IN RELATION TO CENTER
5. FINISH: SMOBC USING LPI BOTH SIDES COLOR GREEN.  
IMMERSION GOLD PLATING
6. SILKSCREEN: BOTH SIDES USING WHITE NON-CONDUCTIVE EPOXY INK.
7. DO NOT ALTER ARTWORK TO ADD LOGO OR DATE CODE.  
BUT YOU MAY MODIFY PAD SIZE TO MEET END FINISH.
8. PCBs ARE TO BE RoHS COMPLIANT.
9. SCORING:



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON ANGLE ± 1  
2 PLACE ± .01 3 PLACE ± .005  
INTERPRET DIM AND TOL  
PER ASME Y14.5M - 1994

APPROVALS	
DRAWN	INIT
CHECK	DATE
DESIGN	Helen 7/18/07
ENGR	TAGE B. 7/18/07
SCALE = NONE	

1630 McCarthy Blvd.  
Milpitas, CA 95035  
PH: (408)432-1900

TITLE: LT3814EFE-5  
24V, 5Amp Boost with 12V Input

SIZE A DEMO DC1170A REV. A

DES-250 SHEET 1 of 1