

# 1. ARTWORK P/N DEMO CIRCUIT 1297B Rev0

**2. FAB PER IPC-A-600. 4-Layers.**

### 3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4

**.062 +/- .005 INCH THICKNESS WITH 2 OZ**

**COPPER FINISH ON TWO EXTERNAL LAYERS AND**

1 OZ. COPPER ON TWO INTERNAL LAYERS.

FLAMMABILITY RATING: 94 V-2 MINIMUM

**4. SIZE: CUT TO DIMENSIONS AND TOLERANCES. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.**

## 5. BOARD: SELECTIVE PLATED BOARD. SOLDER

**MASK OVER BARE COPPER, COLOR, GREEN L.P.I.**

**GOLD IMMERSION BOTH SIDES**

**SILKSCREEN BOTH SIDES WITH WHITE NON-**

## CONDUCTIVE INK.

PLATE THRU ALL HOLES WITH COPPER

MIN. PLATING THICKNESS: 1 OZ. EXCEPT WHERE NOT INDICATED

WHERE PLAYING NOT REQUIRED

**6. DRILL: ALL HOLES SHALL BE DRILLED  $\pm 3$ MM**

ALL HOLE FINISHED SIZE AFTER DRILLING WITH RESPECT TO CIR. OF DRILLED PAD.

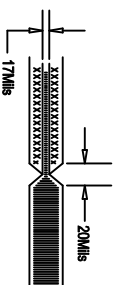
**ALL HOLES FINISHED SIZE AFTER PLATING.**

DO NOT ALTER ARTWORK TO ADD LOGO OR DATE CODE BUT YOU MAY

AD SIZE TO MEET END FINISH


**A PORTFOLIO OF BED-LIN COMPLEMENTS**

## 8. PCB'S SHA



## Fabrication Drawing

SIZE	QTY	SYM	PLATED	TOL
70	2	+	NO	+/- .3MII
181	4	×	YES	+/- .3MII
31	12	□	YES	+/- .3MII
94	12	◇	YES	+/- .3MII
10	175	⊗	YES	+/- .3MII
35	6	⊗	YES	+/- .3MII
205	4	⊕	YES	+/- .3MII
52	8	⊕	YES	+/- .3MII
59	2	⊕	YES	+/- .3MII

APPROVALS			 <b>LINEAR</b> TECHNOLOGY		1630 McCarthy Blvd. Milpitas, CA 95035 PH: (408)432-1900
DRAWN	INT.	DATE	TITLE: LTM4612EV High Density 4.5A High Voltage Low Noise Step-Down Power $\mu$ Module		
CHECKED					
DESIGN	Rev				
ENGR	J. Sun				
			FD Demo Circuit 1297B	REV. 0	
SCALE = NONE			DES-2300xx	SHT 1 of 1	