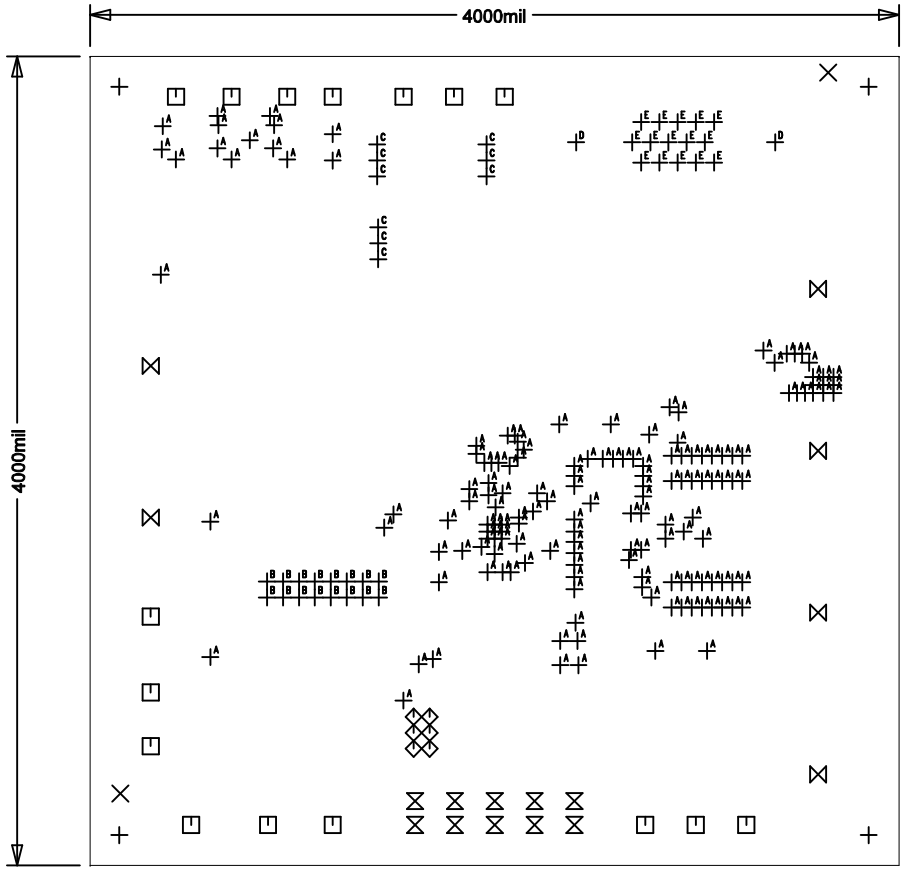
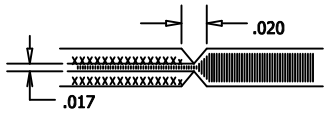
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
—	2	PRODUCTION	JOSH Y.	05/27/10



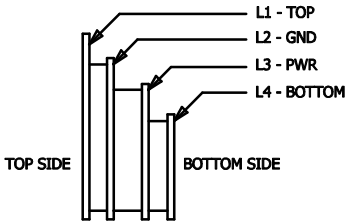
NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600
2. MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4
   -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-O 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 SILKSCREEN: BOTH SIDES 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:



DRILL DRAWING LAYER
LINEAR TECHNOLOGY
DC1614A-LTC4012CUF
THREE CELL 12.6V@8A SWITCHING BATTERY CHARGER

LAYER STRUCTURE



SIZE	QTY	SYM	PLATED	TOL
187	4	+	YES	+/-3mil
70	2	X	NO	+/-3mil
65	16	□	YES	+/-3mil
34	6	◇	YES	+/-3mil
40	10	⧖	YES	+/-3mil
205	6	⋈	YES	+/-3mil
10	161	+A	YES	+/-3Mil
35	16	+B	YES	+/-3Mil
31	9	+C	YES	+/-3Mil
125	2	+D	YES	+/-3Mil
47	15	+E	YES	+/-3Mil

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

APPROVALS	
PCB DES.	RB
APP ENG.	JOSH Y.

SCALE = NONE

LINEAR TECHNOLOGY
1630 MCCARTHY BLVD
MILPITAS, CA 95035
PH: (408)432-1900
www.linear.com
LTC CONFIDENTIAL-
FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING

THREE CELL 12.6V@8A SWITCHING BATTERY CHARGER

SIZE	IC NO. LTC4012CUF	REV
N/A	DEMO CIRCUIT 1614A	2

FILENAME: DC1614A-2.PCB SHT 1 OF 1