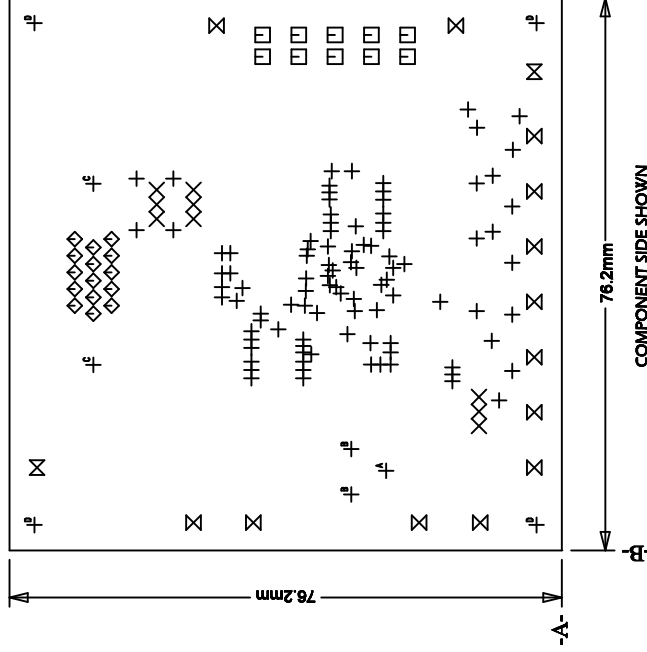


## REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	1	PROD	05/09/12	JOSH Y.

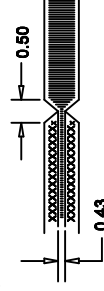
**NOTES: UNLESS OTHERWISE SPECIFIED,**

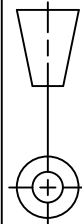

1. ARTWORK P/N DC512B REV 1.
2. FAB PER IPC-A-600
3. PCB SHALL MEET ROHS COMPLIANCE.
4. MATERIAL:
  - A. LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4  
FLAMMABILITY RATING: 94 V-2 MINIMUM.
  - B. THICKNESS: 1.6 +/- 0.1 mm
  - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS.  
1 OZ. (25um) COPPER ON TWO INTERNAL LAYERS.
5. FINISH:
  - A. COATING: SOLDERMASK OVER BARE COPPER,  
COLOR, GREEN LPI.
  - B. PLATING: GOLD IMMERSION BOTH SIDES.
  - C. SILKSCREEN: BOTH SIDES WITH WHITE  
NON-CONDUCTIVE INK.
6. TOLERANCES:
  - A. WARPAGE: (0.0075mm) MAX. ALONG THE LONGEST  
DIAG. AS PER IPC-TM650 METHOD 2.4.22.
  - B. ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.
  - C. REGISTRATION: 0.075mm MAX.
  - D. MASK THICKNESS: 0.025mm MIN., 0.075mm MAX.
  - E. HOLE PLATING: 22um +/- 3um.



## LAYER CONSTRUCTION

SIZE	QTY	SYM	PLATED	TOL
0.25	98	+	YES	+/-0.08
0.9	9	×	YES	+/-0.08
1.02	10	□	YES	+/-0.13
1.2	15	◇	YES	+/-0.13
1.65	13	⊠	YES	+/-0.13
1.8	2	⊠	NO	+/-0.13
2.54	1	⊠ <sup>A</sup>	YES	+/-0.13
3.05	2	⊠ <sup>B</sup>	YES	+/-0.13
3.18	2	⊠ <sup>C</sup>	YES	+/-0.13
4.75	4	⊠ <sup>D</sup>	NO	+/-0.13



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1°  .XX ± 0.25 .XXX ± 0.127  THIRD ANGLE PROJECTION    DO NOT SCALE DRAWING	CONTRACT NO.		 1630 McCarthy Blvd. Milpitas, CA 95035  www.linear.com Phone: (408)432-1800 Fax: (408)434-0507				
	APPROVALS		DATE		TITLE  FAB, LTC4100EGN, SMART BATTERY CHARGER		
	DRAWN MI		05/07/12				
	CHECKED						
	APPROVED JOSH Y.		05/09/12				
DESIGNED BY				SIZE A	CAGE CODE	DWG NO. DC512B	REV 1
				SCALE 1/1	FILENAME: 512b-1.PCB		SHEET 1 OF 1