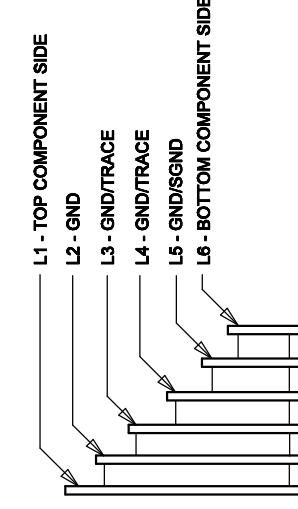


DWG NO.	DC2142A	SH 1	REV 2
		2	PROD
		10/29/13	YINGYI Y.

REVISION HISTORY			
1	2	2	1

LAYER CONSTRUCTIONNOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC2142A REV 2.
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.
5. FINISH:  
A. COATING: SOLDERMASK OVER BARE COPPER,  
COLOR, GREEN LPI.  
B. PLATING: GOLD IMMERSION BOTH SIDES.  
C. SILKSCREEN: COMPONENT SIDE WITH WHITE  
NON-CONDUCTIVE INK.
6. TOLERANCES:  
A. WARPAGE: (0.075mm) 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: 22μm +/- 3μm.
7. SIZE:  
A. CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00 ARE PRIMARY DATUMS.  
B. HOLE DIAMETERS ARE POST-PLATED SIZES.  
9. DEBURR AND BREAK ALL SHARP EDGES.  
10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE  
CODE.

D

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SIZE	QTY	SYM	PLATED	TOL
0.25	550	+	YES	+/-0.08
0.9	19	X	YES	+/-0.08
1.4	10	□	YES	+/-0.13
1.8	6	◊	NO	+/-0.13
2.42	12	✗	YES	+/-0.13
4.75	4	☒	NO	+/-0.13
4.96	6	† <sup>A</sup>	YES	+/-0.13

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1°		CONTRACT NO	
APPROVALS	DATE	TITLE	
DRAWN MI	08/14/13	FAB, LTC3875EUJ / LTC3874EUFD, HIGH EFFICIENCY POLYPHASE, SYNCHRONOUS BUCK CONVERTER WITH VERY LOW DCR INDUCTOR	
CHECKED			
APPROVED			
ENGINEER YINGYI Y.	10/29/13		

SIZE	CAGE CODE	DWG NO	REV
B	DC2142A	DC2142A	2

SCALE 1/1	FILENAME: 2142A-2.PCB	SHEET 1 OF 1
2		1