

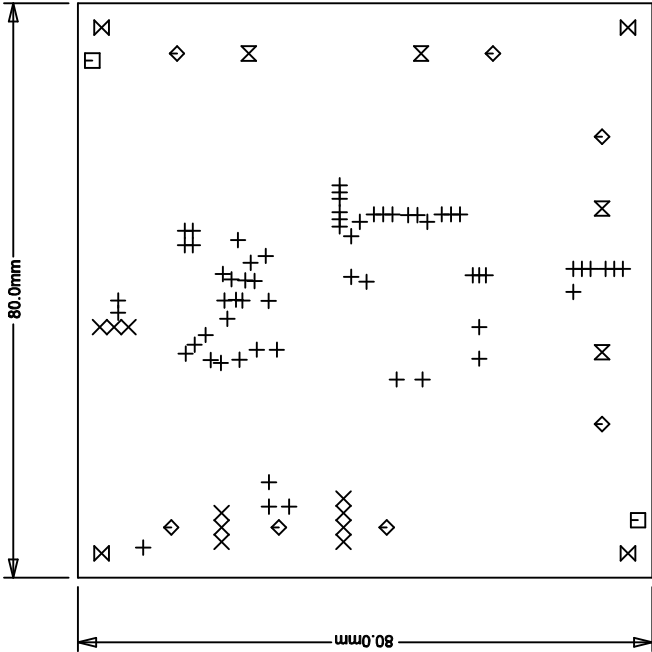
LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY

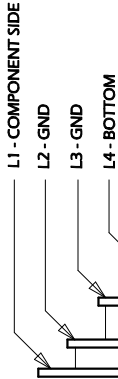
ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROTO	02/04/08	

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC1171A REV 3.  
2. FAB PER IPC-A-600  
3. PCB SHALL MEET RoHS COMPLIANCE.  
4. MATERIAL:  
A. LAMINATE: MULTI-FUNCTIONAL 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: COMPONENT SIDE 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.  
7. SIZE:  
A. CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00 ARE PRIMARY DATUMS.  
8. 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.



COMPONENT SIDE SHOWN



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1° .XX ± 0.25 .XXX ± 0.127	CONTRACT NO.		APPROVALS		DATE
	THIRD ANGLE PROJECTION		DRAWN	MEI	10/12/06
	THIRD ANGLE PROJECTION		CHECKED		
	THIRD ANGLE PROJECTION		APPROVED		
DO NOT SCALE DRAWING		DESIGNED BY			
TITLE		CAGE CODE		DWG NO.	REV
FAB, LTC3851EGN, SYNCHRONOUS BUCK CONVERTER		A		DC1171A	3
SCALE 1/1		FILENAME: 1171a-3.PCB		SHEET 1	OF 1