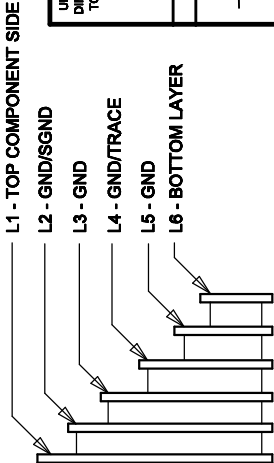


TOP COMPONENT SIDE SHOWN

LAYER CONSTRUCTION



SIZE	QTY	SYM	PLATED	TOL
0.25	174		YES	+/-0.08
0.5	3		YES	+/-0.08
0.9	7		YES	+/-0.08
1.4	10		YES	+/-0.13
1.8	2		N0	+/-0.13
2.42	13		YES	+/-0.13
4.75	4		N0	+/-0.13
4.83	2		YES	+/-0.13
5.21	2		YES	+/-0.13

ECO

REV

2

DESCRIPTION

PROTO

DATE

APP. ENG.

JIAN L.

07/28/11

REVISION HISTORY

NOTES: UNLESS OTHERWISE SPECIFIED,  
1. ARTWORK P/N DC1829A 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 .  
B. THICKNESS: 1.6 +/- 0.12 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: (0.075mm) 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: 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.

APPROVALS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ON ANGLE +/-1°  
XXX+0.025  
XXX+0.127  
INTERPRET DIM AND TOL  
PER ASME Y14.5M-1994  
THIRD ANGLE PROJECTION

PCB DES.

MI

APP. ENG.

JIAN L.

DO NOT SCALE DRAWING

SCALE: NONE

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TITLE: FABRICATION DRAWING.  
HIGH EFFICIENCY STEP-DOWN CONVERTER  
WITH VERY LOW DCR INDUCTOR

SIZE

N/A

REV

2

FILENAME:

1829A-2.PCB

SHT 1 of 1