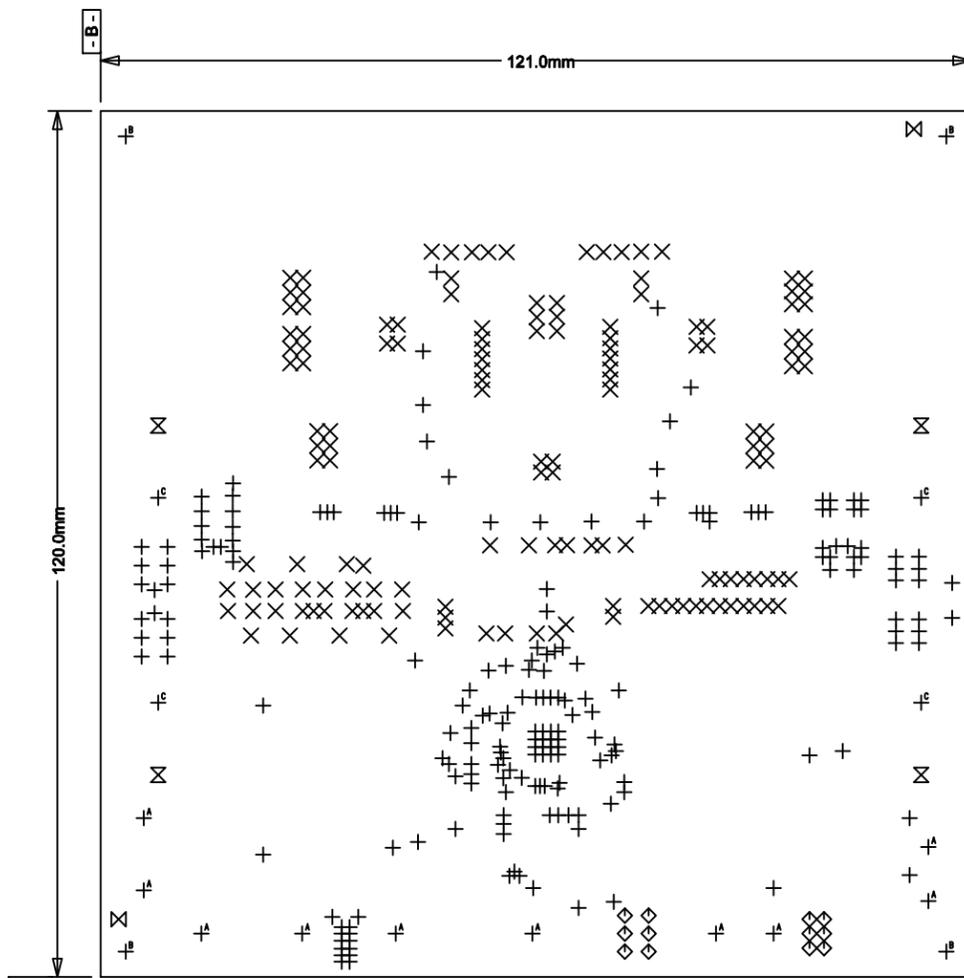
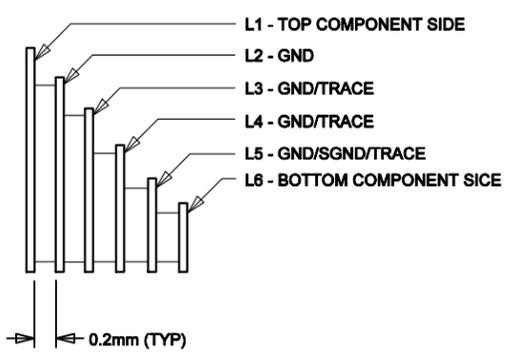


LTC CONFIDENTIAL - For Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROTO	09/29/17	<i>JW</i>

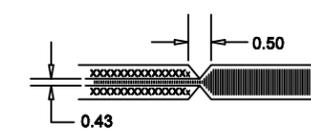


LAYER CONSTRUCTION



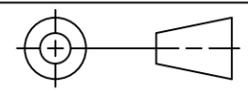
NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK P/N DC2519A REV 3.
- FAB PER IPC-A-600
- PCB SHALL MEET RoHS COMPLIANCE.
- 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.
- FINISH:
 - A. COATING: SOLDERMASK OVER BARE COPPER, COLOR, GREEN LPI.
 - B. PLATING: GOLD IMMERSION BOTH SIDES.
 - C. SILKSCREEN: BOTH COMPONENT SIDES WITH WHITE NON-CONDUCTIVE INK.
- 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.
- SIZE:
 - A. CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS.
- HOLE DIAMETERS ARE POST-PLATED SIZES.
- DEBURR AND BREAK ALL SHARP EDGES.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
- SCORING:



COMPONENT SIDE SHOWN

SIZE	QTY	SYM	PLATED	TOL
0.25	201	+	YES	+/-0.08
0.6	145	X	YES	+/-0.08
1.016	12	◇	YES	+/-0.08
1.63	4	⊗	YES	+/-0.13
1.8	2	⊗	NO	+/-0.13
2.42	10	† ^A	YES	+/-0.13
4.75	4	† ^B	NO	+/-0.13
5.21	4	† ^C	YES	+/-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 Phone: (408)432-1900 Fax: (408)434-0507
	APPROVALS	DATE	
	DRAWN <i>JCS</i>	01/14/16	
	CHECKED		
	APPROVED <i>JW</i>	09/29/17	TITLE FAB, LTC3777, HIGH VOLTAGE BUCK-BOOST DC/DC CONVERTER
	ENGINEER		SIZE B CAGE CODE DWG NO DC2519A REV 3
			SCALE 1/1 FILENAME: 2519A-3.PCB SHEET 1 OF 1