



**NOTES: UNLESS OTHERWISE SPECIFIED,**

1. ARTWORK P/N DC2359A 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: 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.

SIZE	QTY	SYM	PLATED	TOL
0.25	69	+	YES	+/-0.08
0.9	19	×	YES	+/-0.13
1.8	2	□	NO	+/-0.13
2.4	10	◇	YES	+/-0.13
4.75	4	⊠	NO	+/-0.13

<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE <math>\pm 1^\circ</math>  .XX <math>\pm 0.25</math> .XXX <math>\pm 0.127</math></div> <div>THIRD ANGLE PROJECTION</div> <div></div> <div>DO NOT SCALE DRAWING</div>	CONTRACT NO.		<div>1630 McCarthy Blvd. Milpitas, CA 95035  Phone: (408)432-1900 Fax: (408)434-0507</div>						
	APPROVALS		<div>TITLE</div> <div>FAB, LTC3624HMSE, MONOLITHIC SYNCHRONOUS BUCK REGULATOR WITH ULTRA-LOW QUIESCENT CURRENT</div>						
	DRAWN	DATE							
	CHECKED	DATE							
	APPROVED								
DESIGNED BY		SCALE	1/1	FILENAME:	2359A-1.PCB	SHEET	1	OF	1