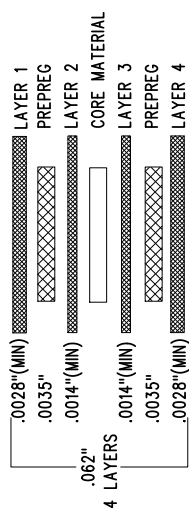


SIZE	QTY	SYM	PLATED	TOL
0.01	602	+	YES	+/-0.003
0.07	2	X	NO	+/-0.003
0.035	4	□	YES	+/-0.003
0.187	4	◇	NO	+/-0.003
0.095	16	⊗	YES	+/-0.003
0.006	7	⊕	YES	+/-0.003

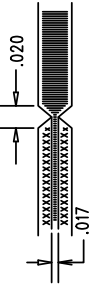
- ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:
1. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
 2. SOLDERABILITY BOARD WITH TEST RESULTS.
 3. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).
 4. VACUUM PACKED WITH DESICCANT.
 5. FULL PANEL WITH NO REJECT.
- ADDITIONAL REQUIREMENTS FOR PRODUCTION FAB ONLY:
1. PROVIDE COMPLIANCE CERTIFICATES FOR ROHS, REACH AND CONFLICT-FREE MINERALS.

LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.
-FINISHED THICKNESS TO BE 0.062 +/- .005
-TOTAL OF 4 LAYERS WITH 2 OZ. FINISHED CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00" ARE PRIMARY DATUMS.
4. DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001 THICK MIN.
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
-HOLE LOCATION TOLERANCES ARE +/-0.003 IN RELATION TO CENTER
5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
-GOLD IMMERSION BOTH SIDES.
-FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.
6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. PCBs ARE TO BE ROHS COMPLIANT.
8. SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
0.XX = ± 0.01
0.XXX = ± 0.005
INTERPRET DIM AND TOL
PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION

1630 MCCARTHY BLVD
MILPITAS, CA 95035
PH: (408) 432-9800
FAX: (408) 432-9801
E-MAIL: SALES@LTC.COM
LTC CONFIDENTIAL -
FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING
DUAL 42V SYNCHRONOUS MONOLITHIC STEP-DOWN
REGULATOR WITH 6.5µA QUIESCENT CURRENT

SIZE N/A
IC NO. LT8616EFE
REV 4

FILENAME: DC2169A-4.PCB
SHT 1 OF 1