

## LAYER STRUCTURE

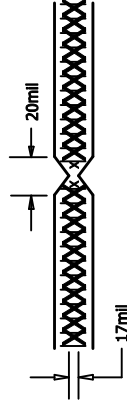
2.0 OZ	L1-TOP
3.5 MILS	FR-370HR
1.0 OZ	L2-GND PLANE
AS REQ'D	FR-370HR
1.0 OZ	L3-POWER PLANE/TRACE
3.5 MILS	FR-370HR
2.0 OZ	L4-BOTTOM


SIZE	QTY	SYM	PLATED	TOL
187	4	+	YES	±.3mil
95	21	×	YES	±.3mil
10	1160	□	YES	±.3mil
31	15	◇	YES	±.3mil
70	2	⊗	NO	±.3mil
6	35	⊗	YES	±.3mil

## NOTES : UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL:
  - LEAD FREE ASSEMBLY COMPLIANT ISOLA
  - FR-370HR OR EQUIVALENT.
  - 2 OZ. COPPER FINISH ON EXTERNAL LAYERS.
  - 1 OZ. COPPER FINISH ON INTERNAL LAYERS.
  - THICKNESS .062 +/- .006 TOTAL OF 4 LAYERS.
  - FLAMMABILITY RATING: 94 V-0 MINIMUM .
  - 0.00 ARE PRIMARY DATUMS.
3. SIZE: DIMENSIONS SHOWN AND TOLERANCES +/-0.010
4. DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, .001 INCH THICK MIN. ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
5. FINISH: SMOBC USING LPT BOTH SIDES COLOR GREEN.
6. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
7. DO NOT ALTER ARTWORK TO ADD LOGO OR DATE CODE BUT MAY MODIFY PAD SIZE TO MEET END FINISH.
8. PCB's SHOULD BE RoHS COMPLIANT.

9. SCORING: FOR PANELIZED FABRICATION ONLY



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: 0.100" = ±0.01 0.200" = ±0.005 INTERPRET DIM AND TOL PER ASME Y14.5M-1984 THIRD ANGLE PROJECTION 	APPROVALS		1650 MCCARTHY BLVD FARMERSVILLE, OH 43025 PH: (419)432-1800 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY
	PCB DES.		
	APP ENG.		
TITLE: FABRICATION DRAWING 42V Quad Monolithic Step-Down Regulator with Power-On Reset			REV 4
SIZE IC NO. LT8602EUJ N/A DEMO CIRCUIT 1949A			
SCALE = 1 : 1			FILENAME: 1949A-Rev4.PCB
			SHT 1 OF 1