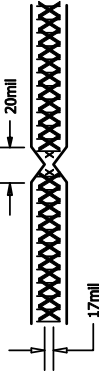


NOTES : UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.  
LEAD FREE ASSEMBLY COMPLIANT ISOLA
2. MATERIAL:  
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 .  
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.  
HOLE LOCATION TOLERANCES ARE ±3MIL  
RELATION TO CENTER
5. FINISH: SMOBC USING LPI BOTH SIDES COLOR GREEN.  
GOLD IMMERSION BOTH SIDES.
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

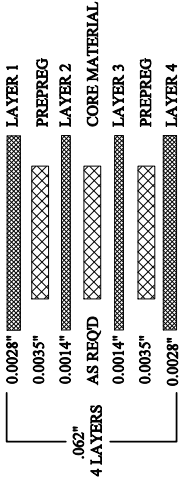


ADDITIONAL REQUIREMENT FOR PROTOTYPE FAB ONLY:

1. OUTGOING INSPECTION REPORT (BASED ON ACTUAL MEASUREMENTS AND CROSS SECTION).  
ADDITIONAL REQUIREMENTS FOR PRODUCTION FAB ONLY:
1. PROVIDE COMPLIANCE CERTIFICATES FOR RoHS, REACH AND CONFLICT-FREE MINERALS.
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.

SIZE	QTY	SYM	PLATED	TOL
187	4	+	YES	±3mil
95	11	×	YES	±3mil
8	113	□	YES	±3mil
70	2	◇	NO	±3mil
35	2	×	YES	±3mil
20	250	×	YES	±3mil
206	4	+	YES	±3mil

LAYER STRUCTURE



UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES:

0.1XX ±0.01

0.0XX ±0.005

INTERPRET DIM AND TOL  
PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION

**LINEAR**  
TECHNOLOGY

1650 MCCARTHY BLVD  
MILPITAS, CA 95035  
PH: (408)452-1900  
WWW.LINEAR.COM  
FOR CUSTOMER USE ONLY

TITLE: FABRICATION DRAWING  
Negative Input Synchronous  
Multi-Topology DC/DC Controller

SIZE	IC NO. LT8709EFE	REV
N/A	DC2148A	3

FILENAME: DC2148A-3.PCB

SHT 1 OF 1