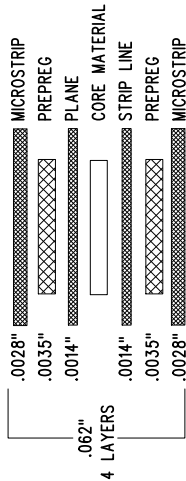
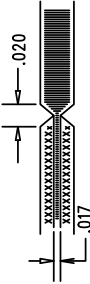


LAYER STRUCTURE

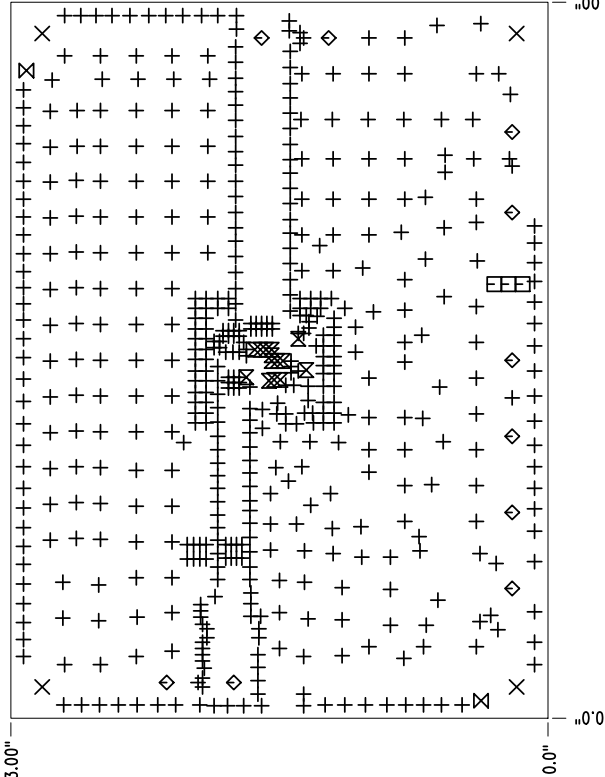


NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT ($T_g \geq 175$ DEGREES CELSIUS).
-FINISHED THICKNESS TO BE $0.062'' \pm .005''$
-TOTAL OF 4 LAYERS WITH 2 OZ. 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 $\pm 0.003''$ IN RELATION TO CENTER
5. FINISH: -SNOBC USING LPI BOTH SIDES, COLOR GREEN.
-GOLD IMMERSION BOTH SIDES.
(LEAD FREE SOLDER CAN BE USED FOR PROTOTYPE)
-FOR SILKSCREEN: BOTH SIDES 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:



9. DESIGN HAS SOLDER MASK DEFINED PADS ON U1.
U1 SOLDER MASK SIZE IS 16 MIL AND PAD SIZE IS 20 MIL.
DO NOT CHANGE ANY SIZE ON THIS COMPONENT.



SIZE	QTY	SYM	PLATED	TOL
0.006	14	⊠	YES	± 0.003
0.01	529	+	YES	± 0.003
0.035	3	□	YES	± 0.003
0.095	10	◇	YES	± 0.003
0.07	2	⊗	NO	± 0.003
0.187	4	×	NO	± 0.003

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

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TITLE: FABRICATION DRAWING
**40VIN, 2.5A STEP DOWN
μMODULE DC/DC CONVERTER**

SIZE	IC NO.	REV
N/A	LT8002HY	2

FILENAME: DC2501A-2.PCB SHT 1 OF 1

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