

REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	4	PRODUCTION	MITCHELL LEE	05-31-12

## 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 2 LAYERS.FINISHED COPPER PLATING SHALL BE 2 OZ. AS PER FIG.1, "LAYER STRUCTURE".
  - FLAMMABILITY RATING: 94 V-0 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
4. DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.
  - HOLE LOCATION TOLERANCES SHALL BE 6 MILS DIAMETER TRUE POSITION.
  - ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
5. FINISH: -SNOBC USING LPI BOTH SIDES, COLOR GREEN.
  - GOLD IMMERSION BOTH SIDES.
  - SILKSCREEN LEGENDS SHALL BE WHITE NON-CONDUCTIVE EPOXY INK.
6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
  - PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. BOARDS SHALL BE ROHS COMPLIANT.
8. BOARDS SHALL BE PANELIZED USING ROUTE AND RETAIN METHOD.
  - THERE SHALL BE TWO MOUSE BITE PATTERNS ON EACH BOARD EDGE.
9. DO NOT INCREASE THE SOLDERMASK APERTURE SIZE FOR THE SOLDERMASK DEFINED PADS ASSOCIATED WITH THESE PARTS: U1A,U1B,CFA,CFB, R1A,R1B, R2A,R2B.

SIZE	QTY	SYM	PLAYED	TOL
20	288	+	YES	+/- 3 MILS
188	6	×	NO	+/- 3 MILS
95	8	□	YES	+/- 3 MILS
207	8	◇	YES	+/- 3 MILS
35	12	⊗	YES	+/- 3 MILS
25	8	⊗	YES	+/- 3 MILS
12	2	⊖ <sup>A</sup>	YES	+/- 3 MILS
65	4	⊖ <sup>B</sup>	YES	+/- 3 MILS

## DRILL CHART

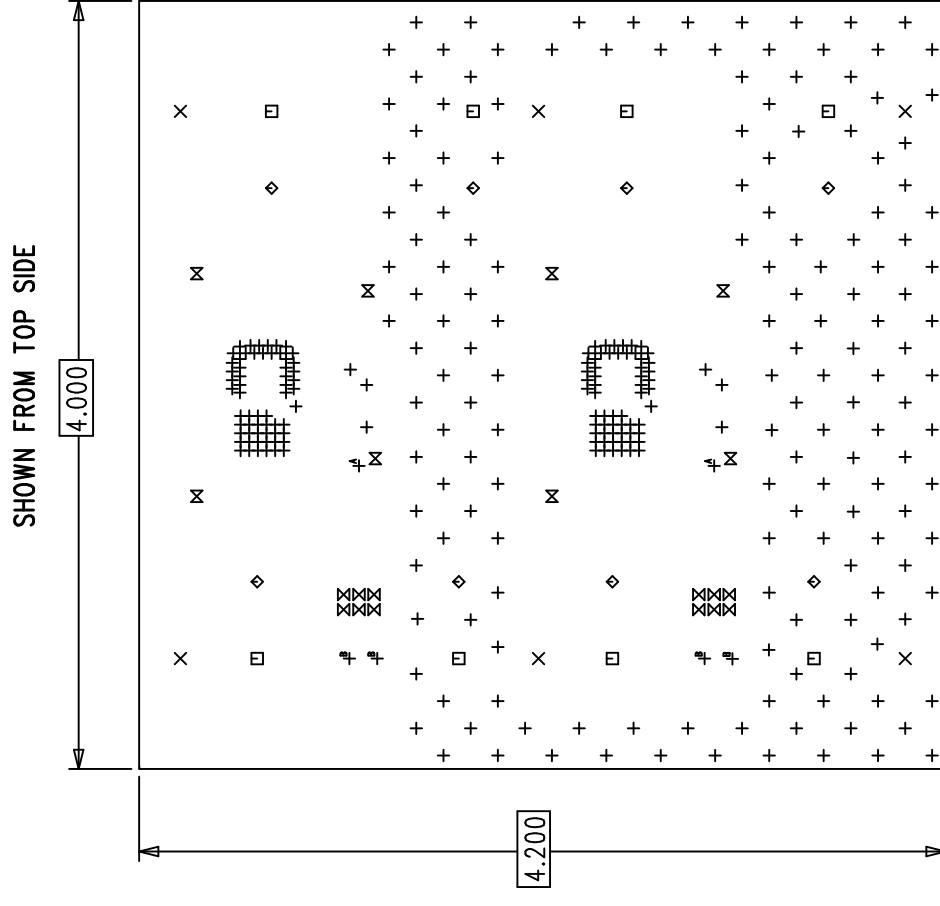
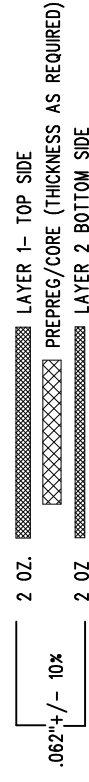




FIG. 1 LAYER STRUCTURE



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			APPROVALS		 1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408) 435-9000 <a href="http://www.linear.com">www.linear.com</a> FIC CONFIDENTIAL FOR CUSTOMER USE ONLY
	PCB DES.	M. HAWKINS			
	APP ENG.	MITCHELL LEE			
TITLE: FABRICATION DRAWING 12V/20A IDEAL DIODE WITH REVERSE INPUT PROTECTION			SIZE N/A	IC NO. LTC4359HDCB	REV 4
SCALE = NONE			FILENAME:	DC1502A-4.PCB	SHT 1 OF 1