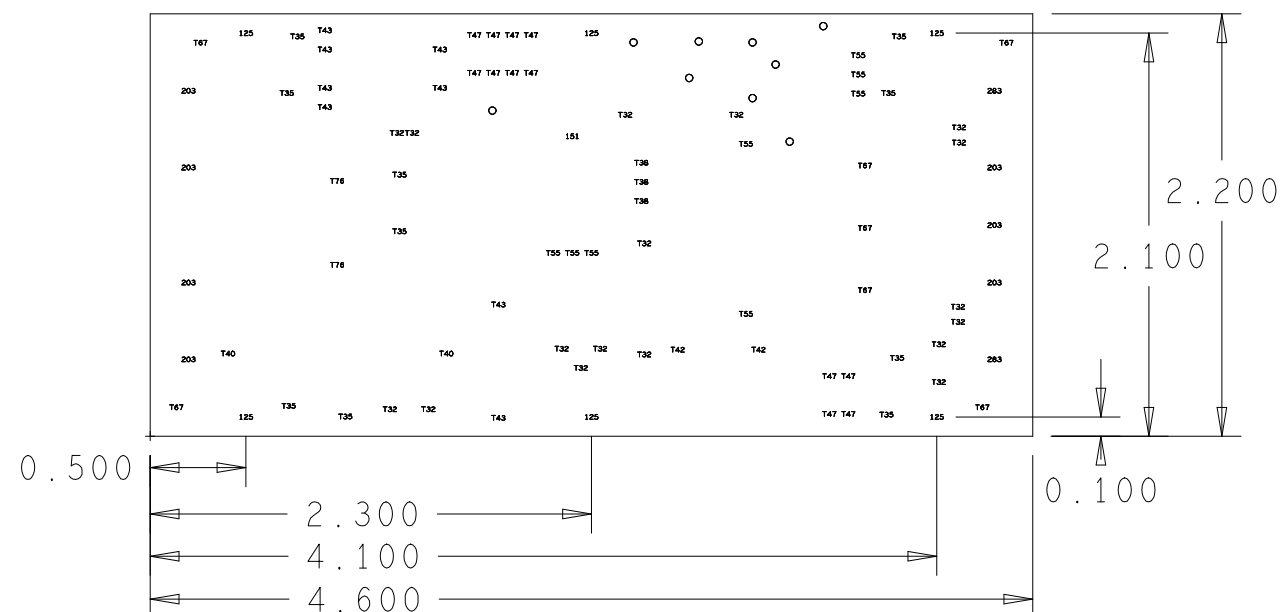


CLASS II FABRICATION NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BOARDS SHALL BE 100% NET LIST TESTED FOR OPENS AND SHORTS PER PROVIDED IPC-D-356 NETLIST.
2. THIS BOARD SHALL BE MANUFACTURED IN ACCORDANCE WITH IPC-6012A CLASS II SPECIFICATIONS AND MEET IPC-600 CLASS II ACCEPTABILITY STANDARDS.
3. MATERIAL:
 - a. FR4 PER IPC 4101B/24 /26 /28.
 - b. SIGNAL LAYERS TO BE 2 OZ. COPPER.
 - ~~c. PLANE LAYERS TO BE 1 OZ. COPPER.~~
 - d. OVERALL THICKNESS TO BE 0.062" +/- 0.007"
4. LEGEND:
 - a. WHITE NON-CONDUCTIVE EPOXY INK BOTH SIDES.
5. SOLDERMASK:
 - a. APPLY LIQUID PHOTO-IMAGABLE (LPI) SOLDER MASK OVER BARE COPPER PER IPC-SM-840 CLASS H, COLOR GREEN, BOTH SIDES.
6. PLATING FINISH:
 - a. HOT AIR SOLDER LEVELING (HASL) SN63A SnPb SOLDER.
 - ~~b. IMMERSION SILVER IAG.~~
7. PROCESS ALLOWANCES:
 - a. MAXIMUM BOW AND TWIST SHALL NOT EXCEED .007" PER INCH
 - b. HOLE DIMENSIONS APPLY AFTER PLATING.
 - c. ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION.
 - d. LAYER TO LAYER REGISTRATION SHALL BE WITHIN 0.003".
 - e. CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/- 0.002".
 - f. REMOVE ALL BURRS AND BREAK SHARP EDGES 0/015" MAX.
 - g. CUT OUTSIDE OF 0.001" BOARD OUTLINE.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
○	10.0	PLATED	9
T32	32.0	PLATED	17
T35	35.0	PLATED	10
T38	38.0	PLATED	3
T40	40.0	PLATED	2
T42	42.0	PLATED	2
T43	43.0	PLATED	8
T47	47.0	PLATED	12
T55	55.0	PLATED	8
T67	67.0	PLATED	7
T76	76.0	PLATED	2
125	125.0	PLATED	6
151	151.2	PLATED	1
203	203.0	PLATED	7
283	283.0	PLATED	2

[illegible]

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS +/- 0.02" 3 PL DECIMALS +/- 0.005" ANGLES +/- 1 Degree FRACTIONS +	SIGNATURES	DATE	MiniROV Vicor Maxi Carrier Board			
			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE			
			7700 SANDHOLDT ROAD			
			MOSS LANDING, CA			
	DESIGNED BY: ALANA SHERMAN		SIZE B	REVISION A	DWG NO 10020775	
	LAYOUT BY: JOSE ROSAL		SCALE 1 - 1		SHEET 1 - 1	