

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 , OR /28 .

b. SIGNAL LAYERS TO BE 2 OZ. COPPER.

c. PLANE LAYERS TO BE 1 OZ. COPPER.

d. OVERALL THICKNESS TO BE 0.062" +/- 10%
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 RED, BOTH SIDES.
6. PLATING FINISH:

a. HOT AIR SOLDER LEVELING (HASL) SN63A SnPb SOLDER.

b. IMMERSION SILVER TAG.
7. PROCESS ALLOWANCES:

a. MAXIMUM BOW AND TWIST ACROSS DIAGONAL CORNERS OF THE BOARD SHALL NOT EXCEED 0.75%.

b. HOLE DIMENSIONS APPLY AFTER PLATING.

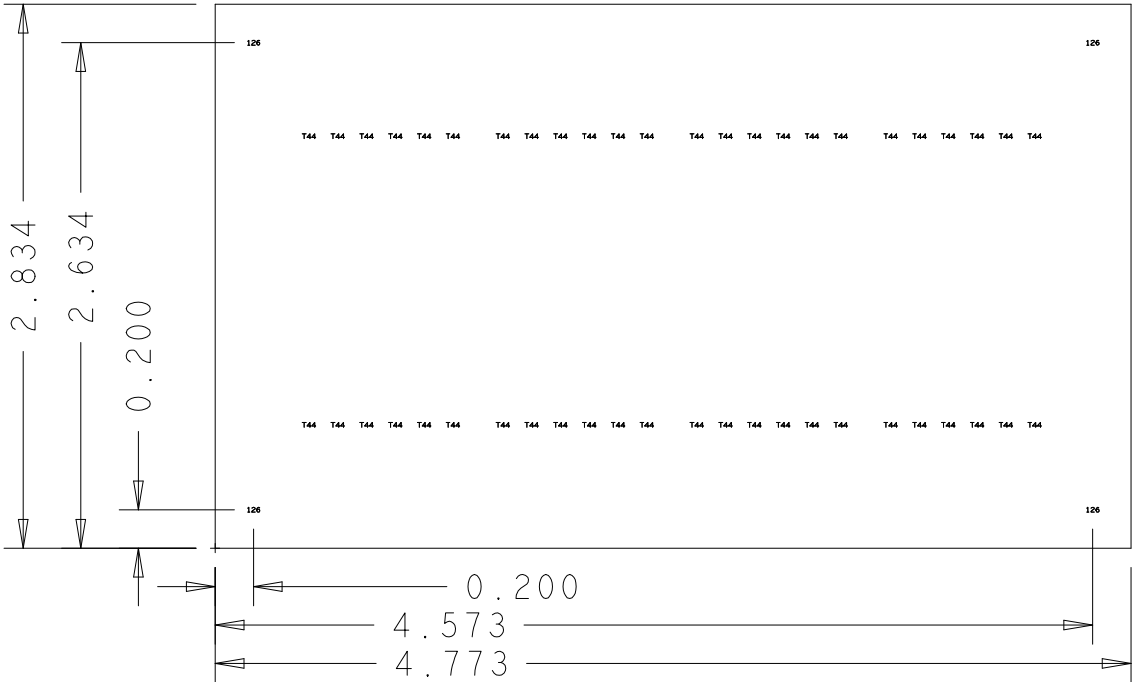
c. ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION.

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
T44	44.0	PLATED	48
126	126.0	PLATED	4

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	VENTANA FUSE CARD PCB			
DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS +/- 0.02" 3 PL DECIMALS +/- 0.005" ANGLES +/- 1 Degree FRACTIONS .			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA			
			SIZE B	RELEASE A	DWG NO 10021153	
	DESIGNED BY: BEN ERWIN					
	LAYOUT BY: JOSE ROSAL		SCALE 1 - 1		SHEET 1 - 1	