

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
o	10.0	PLATED	5
T30	30.0	PLATED	4
T32	32.0	PLATED	13
T34	34.0	PLATED	14
T37	37.0	PLATED	8
T43	43.0	PLATED	15
T44	44.0	PLATED	24
T63	63.0	PLATED	4
126	126.0	PLATED	4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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 1 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 GREEN, 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 SHALL NOT EXCEED .007" PER INCH

b. HOLE DIMENSIONS APPLY AFTER PLATING.

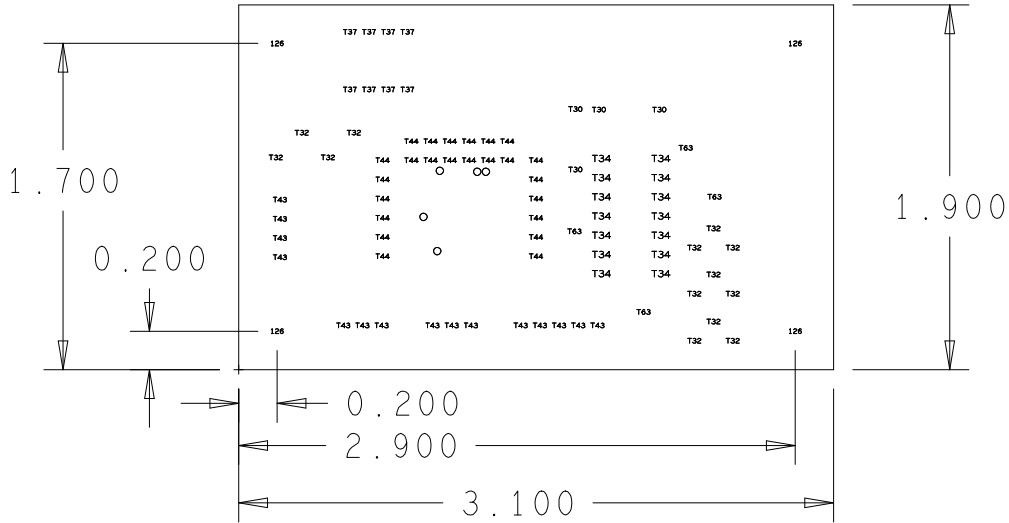
c. ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION.

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.



UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	DIC CONDUCTIVITY		
			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE		
			7700 SANDHOLDT ROAD		
			MOSS LANDING, CA		
	DESIGNED BY: LUKE COLETTI		SIZE B	RELEASE A	DWG NO 10021130
LAYOUT BY: JOSE ROSAL			SCALE 1 - 1		SHEET 1 - 1