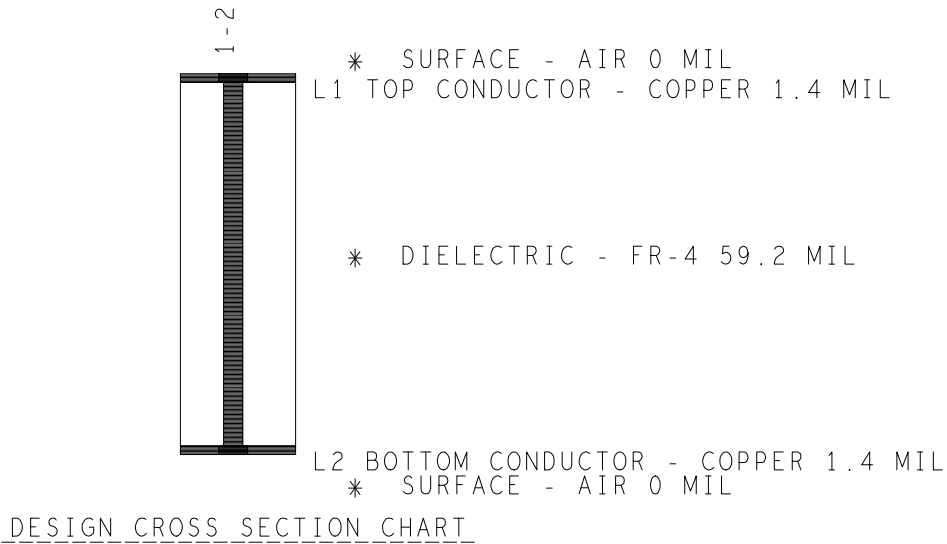
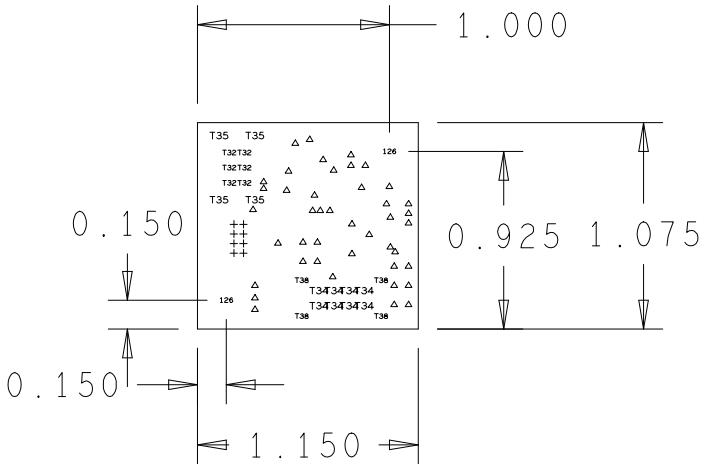


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



CLASS II FABRICATION NOTES: (UNLESS OTHERWISE SPECIFIED)

- BOARDS SHALL BE 100% NET LIST TESTED FOR OPENS AND SHORTS PER PROVIDED IPC-D-356 NETLIST.
- THIS BOARD SHALL BE MANUFACTURED IN ACCORDANCE WITH IPC-6012A CLASS II SPECIFICATIONS AND MEET IPC-600 CLASS II ACCEPTABILITY STANDARDS.
- MATERIAL:
 - FR4 PER IPC 4101B/24 /26, OR /28.
 - SIGNAL LAYERS TO BE 1 OZ. COPPER.
 - ~~PLANE LAYERS TO BE 1 OZ. COPPER.~~
 - OVERALL THICKNESS TO BE 0.062" +/- 10%
- LEGEND:
 - WHITE NON-CONDUCTIVE EPOXY INK BOTH SIDES.
- SOLDERMASK:
 - APPLY LIQUID PHOTO-IMAGABLE (LPI) SOLDER MASK OVER BARE COPPER PER IPC-SM-840 CLASS H, COLOR MATTE BLUE, BOTH SIDES.
- PLATING FINISH:
 - HOT AIR SOLDER LEVELING (HASL) SN63A SnPb SOLDER.
 - ~~IMMERSION SILVER IAG.~~
- PROCESS ALLOWANCES:
 - MAXIMUM BOW AND TWIST ACROSS DIAGONAL CORNERS OF THE BOARD SHALL NOT EXCEED 0.75%.
 - HOLE DIMENSIONS APPLY AFTER PLATING.
 - ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION.
 - LAYER TO LAYER REGISTRATION SHALL BE WITHIN 0.003".
 - CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/- 0.002".
 - REMOVE ALL BURRS AND BREAK SHARP EDGES 0/015" MAX.
 - CUT OUTSIDE OF 0.001" BOARD OUTLINE.



DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED_SIZE	PLATED	QTY
Δ	12.0	PLATED	43
+	28.3	PLATED	8
T32	32.0	PLATED	6
T34	34.0	PLATED	8
T35	35.0	PLATED	4
T38	38.0	PLATED	4
126	126.0	PLATED	2

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	ESP G3 Pressure Sensor Amp Filter			
			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE			
			7700 SANDHOLDT ROAD			
			MOSS LANDING, CA			
	DESIGNED BY: SCOTT JENSEN		SIZE B	REVISION A	DWG NO 100221150	
	LAYOUT BY: JOSE ROSAL		SCALE 1 - 1		SHEET	1 - 1
DIMENSIONS ARE IN INCHES						
TOLERANCES ON:						
2 PL DECIMALS +/- 0.02"						
3 PL DECIMALS +/- 0.005"						
ANGLES +/- 1 Degree						
FRACTIONS 1/2						