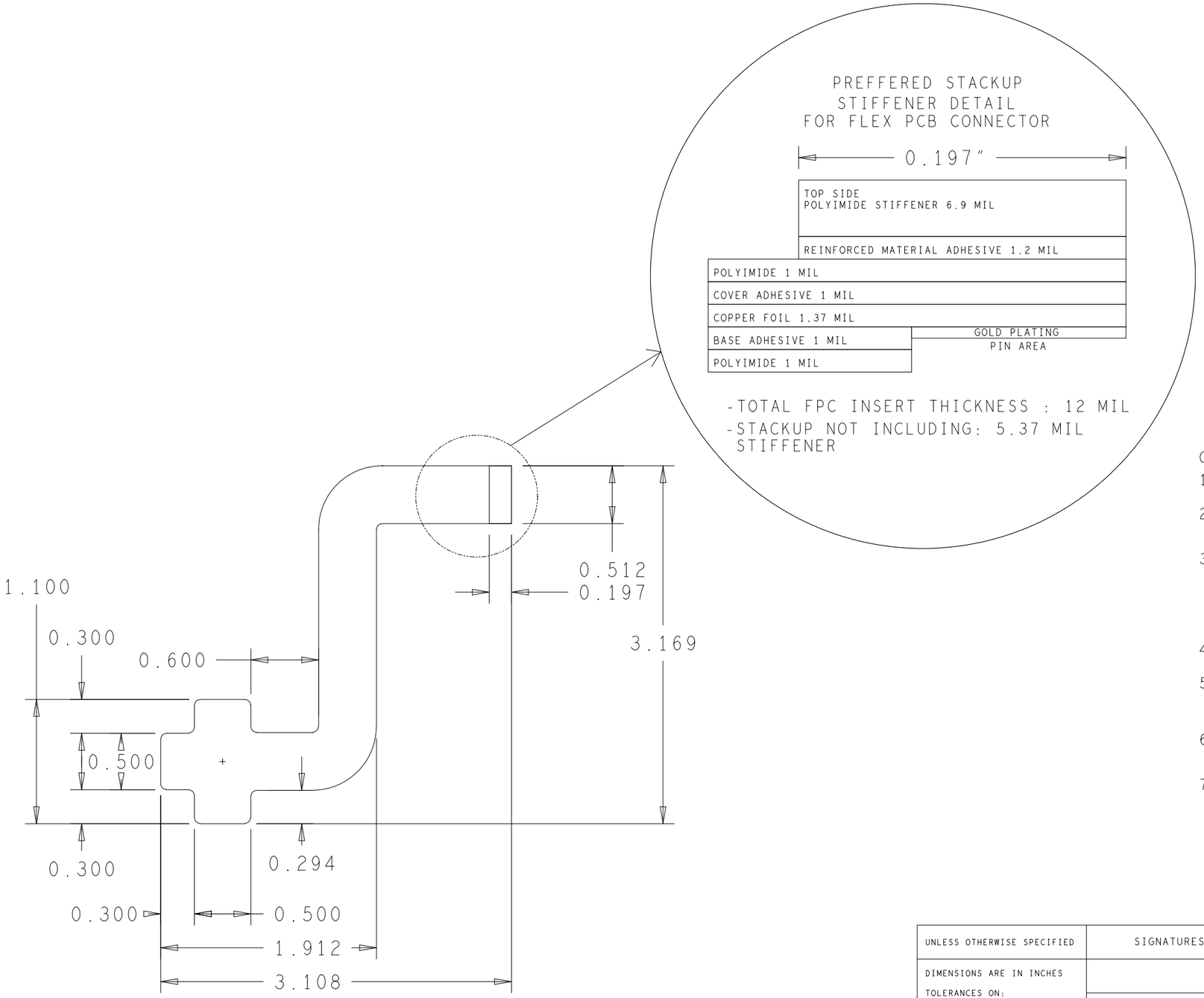
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



CLASS III 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-6013A CLASS III, WIRING TYPE 1, AND INSTALLATION USE "A" STANDARDS.
3. MATERIAL:
   a. THE FLEXIBLE COPPER CLAD MATERIAL SHALL BE IPC-FC-241/11 PREFERRED (OR /1) "AP"
   b. SIGNAL LAYERS TO BE 1 OZ. COPPER.
   c. THE RIGID MATERIAL SHALL BE GIN (POLY) PER IPC-4101/40.
4. LEGEND:
   ~~a. WHITE NON CONDUCTIVE EPOXY INK BOTH SIDES.~~
5. SOLDERMASK:
   a. APPLY LIQUID PHOTO-IMAGABLE (LPI) SOLDER MASK PER IPC 4203/1.
6. PLATING FINISH:
   a. ELECTROLYTIC HARD Au ON "FINGERS"
   a. ELECTROLYTIC SOFT Au ON SOLDER PADS
7. PROCESS ALLOWANCES:
   a. MIN. THICKNESS OF PLATED THROUGH-HOLES IS .001" WITH A MIN. ANNULAR RING OF 2 mils
   b. VACUUM PRESS IN AUTOCLAVE OR VACUUM LAMINATION
   c. MISREGISTRATION BETWEEN ANY TWO LAYERS SHALL NOT EXCEED +/-.005"
   d. WARPAGE SHALL NOT EXCEED .010 INCH PER INCH
   e. COPPER PLATING IN PLATED THROUGH-HOLES SHALL BE .001 MINIMUM THICKNESS.
   g. CUT OUTSIDE OF 0.001" BOARD OUTLINE.

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	ESP 3G PUCK HEATER FLEX BOARD		
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 11021224
	DESIGNED BY: SCOTT JENSEN				
	LAYOUT BY: JOSE ROSAL		SCALE 1-1		SHEET 1-1