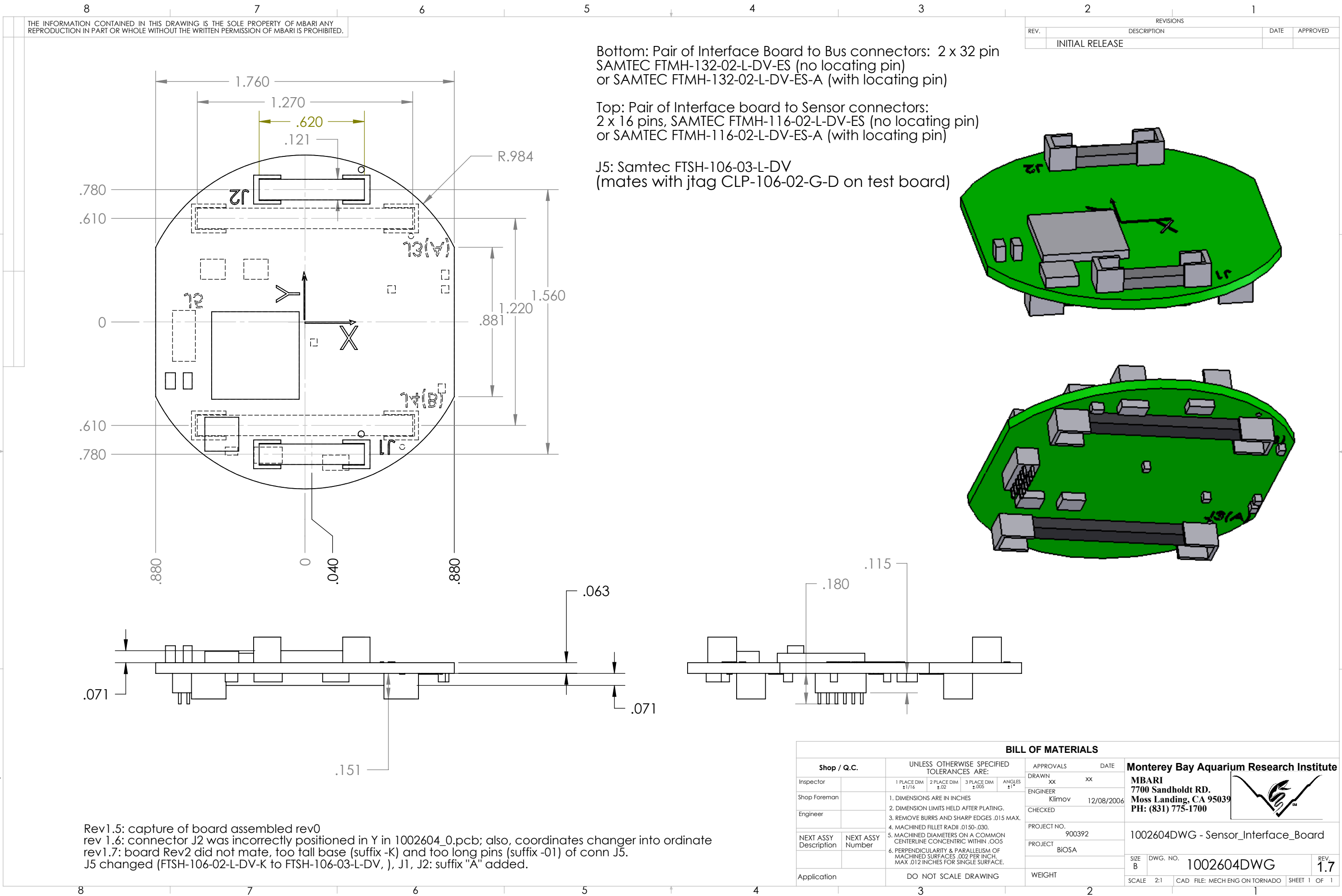




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| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
| 1         | INITIAL RELEASE |      |          |

| BILL OF MATERIALS     |                  |                                                                                                           |                     |
|-----------------------|------------------|-----------------------------------------------------------------------------------------------------------|---------------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                |                     |
| Inspector             |                  | 1 PLACE DIM ±1/16                                                                                         | 2 PLACE DIM ±.02    |
| Shop Foreman          |                  | 3 PLACE DIM ±.005                                                                                         | ANGLES ±1°          |
| Engineer              |                  | 1. DIMENSIONS ARE IN INCHES                                                                               |                     |
|                       |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                   |                     |
|                       |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                 |                     |
|                       |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                      |                     |
| NEXT ASSY Description | NEXT ASSY Number | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                       |                     |
|                       |                  | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. |                     |
| Application           |                  | DO NOT SCALE DRAWING                                                                                      |                     |
|                       |                  | APPROVALS                                                                                                 | DATE                |
|                       |                  | DRAWN XX                                                                                                  | XX                  |
|                       |                  | ENGINEER Klimov                                                                                           | 12/08/2006          |
|                       |                  | CHECKED                                                                                                   |                     |
|                       |                  | PROJECT NO.                                                                                               | 900392              |
|                       |                  | PROJECT                                                                                                   | BiOSA               |
|                       |                  | WEIGHT                                                                                                    |                     |
|                       |                  | Monterey Bay Aquarium Research Institute                                                                  |                     |
|                       |                  | MBARI<br>7700 Sandholdt RD.<br>Moss Landing, CA 95039<br>PH: (831) 775-1700                               |                     |
|                       |                  | 1002604DWG - Sensor_Interface_Board                                                                       |                     |
|                       |                  | SIZE B                                                                                                    | DWG. NO. 1002604DWG |
|                       |                  | SCALE 2:1                                                                                                 | REV. 1.7            |
|                       |                  | CAD FILE: MECH ENG ON TORNADO                                                                             | SHEET 1 OF 1        |

Rev1.5: capture of board assembled rev0  
rev 1.6: connector J2 was incorrectly positioned in Y in 1002604\_0.pcb; also, coordinates changer into ordinate  
rev1.7: board Rev2 did not mate, too tall base (suffix -K) and too long pins (suffix -01) of conn J5.  
J5 changed (FTSH-106-02-L-DV-K to FTSH-106-03-L-DV, ), J1, J2: suffix "A" added.