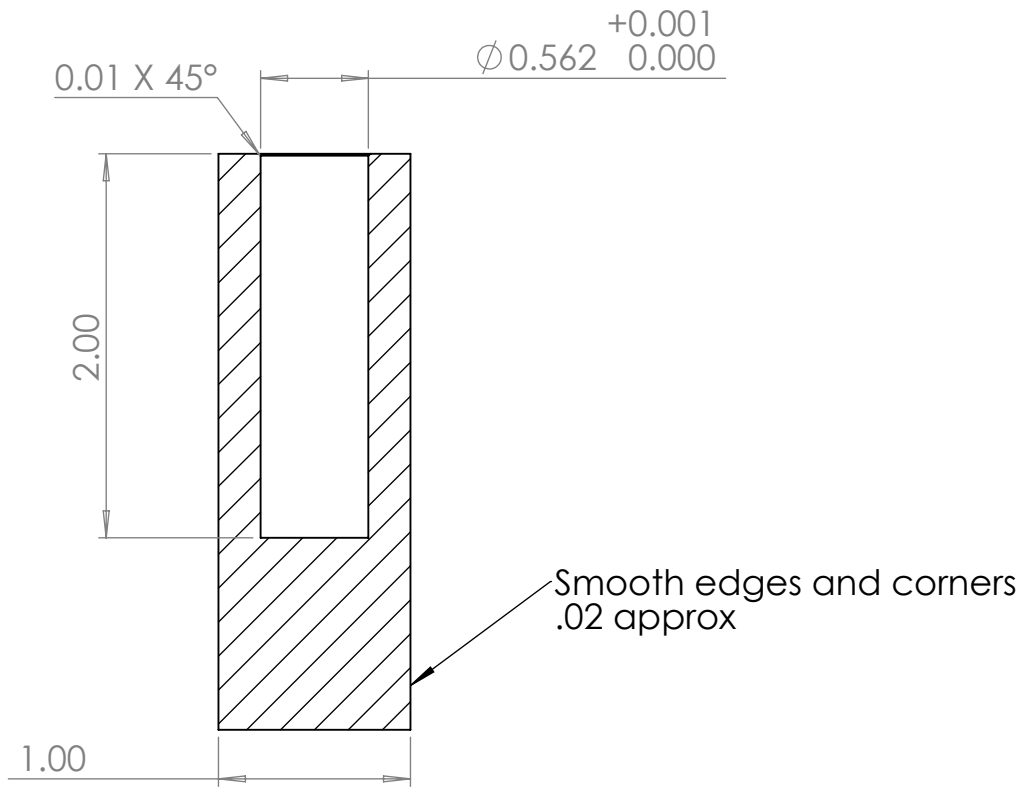
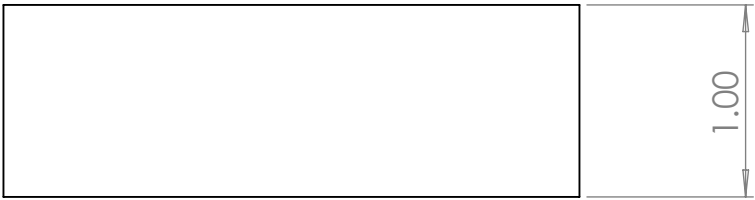
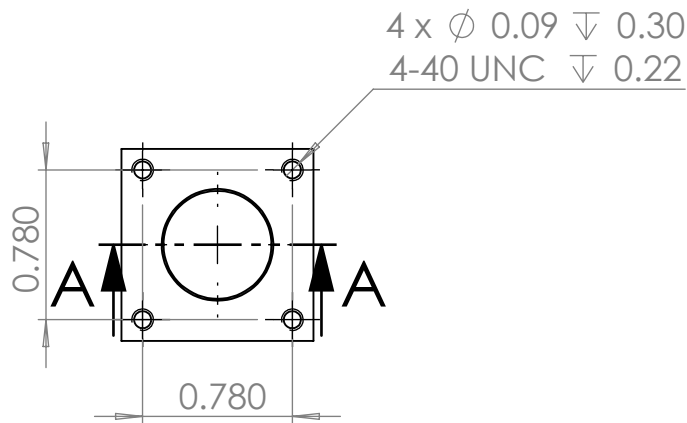
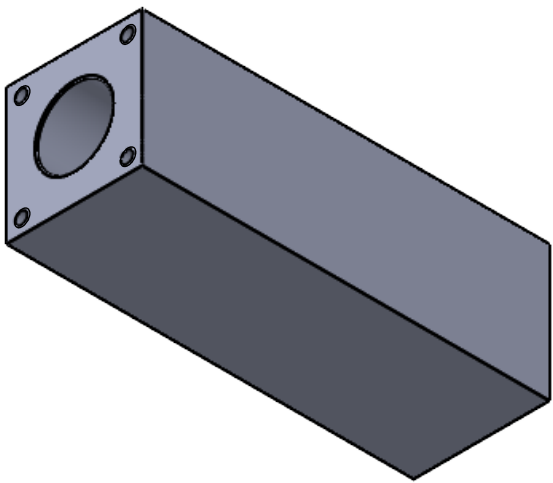


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.



SECTION A-A



MATERIAL: Grade 2 Titanium, McMaster #9139K65

FILE LOCATION:

\\atlas\ProjectLibrary\901209 i2MAP\EngineeringDesignDocs\MechanicalDesign\CameraHousing\I2map\_Connector\_Plug-ST-Dry-Test-Fixture

| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                      |                       |                |                                 |      |                                                                                                                                                                                                                                                                            |              |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|----------------|---------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                      |                       |                | APPROVALS                       | DATE | <div>Monterey Bay Aquarium Research Institute</div> <div><b>MBARI</b></div> <div>7700 Sandholdt RD.</div> <div>Moss Landing, CA 95039</div> <div>PH: (831) 775-1700</div> <div></div> |              |
| Inspector             |                  | 1 PLACE DIM<br>± 1/16                                                                                                                                                                                                                                                                                                                           | 2 PLACE DIM<br>± .02 | 3 PLACE DIM<br>± .005 | ANGLES<br>± 1° | DRAWN<br>P. Roberts             |      |                                                                                                                                                                                                                                                                            |              |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS HELD AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br>4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. |                      |                       |                | ENGINEER<br>P. ROBERTS          |      |                                                                                                                                                                                                                                                                            |              |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                      |                       |                | CHECKED<br>P. ROBERTS           |      |                                                                                                                                                                                                                                                                            |              |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                      |                       |                | PROJECT NO.<br>901221           |      |                                                                                                                                                                                                                                                                            |              |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                      |                       |                | PROJECT<br>Midwater Time Series |      | I2map_Connector_Plug-ST-Dry-Test-Fixture                                                                                                                                                                                                                                   |              |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                      |                       |                | WEIGHT                          |      | SIZE<br>B                                                                                                                                                                                                                                                                  | DWG. NO.     |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                      |                       |                |                                 |      | SCALE                                                                                                                                                                                                                                                                      | REV.         |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                      |                       |                |                                 |      |                                                                                                                                                                                                                                                                            | SHEET 1 OF 1 |