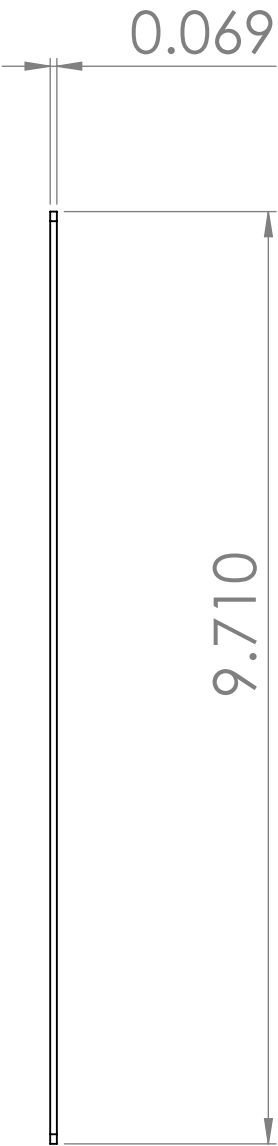


- 1) Mat'l: Aluminum sheet. Must slide into groove that has a 0.070" gap
- 2) Machined part, holes don't need threads if mat'l too thin
- 3) Machine tolerance importance lies on hole relations to each other
- 4) Project No. 901217



| BILL OF MATERIALS                                                                     |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               |                      |                            |              |
|---------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|----------------------|----------------------------|--------------|
| NEXT ASSY Description                                                                 | NEXT ASSY Number | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      | APPROVALS     | DATE                 |                            |              |
|                                                                                       |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN Ben D.         |                            |              |
| THIRD ANGLE PROJECTION                                                                |                  | 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 Ben D.      |                            |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | CHECKED              |                            |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT NO. 901217   |                            |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT Chem Sensors |                            |              |
|  |                  | <div><div>Monterey Bay Aquarium Research Institute</div><div><div>7700 Sandholdt Rd.<br/>Moss Landing, CA 95039<br/>831 775-1922</div></div></div>                                                                                                         |                     |                      |               |                      |                            |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SIZE B               | DWG. NO. 1-20082015-901206 | REV.         |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SCALE 1:2            | CAD FILE:                  | SHEET 1 OF 1 |
|                                                                                       |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      | MATL          |                      |                            |              |