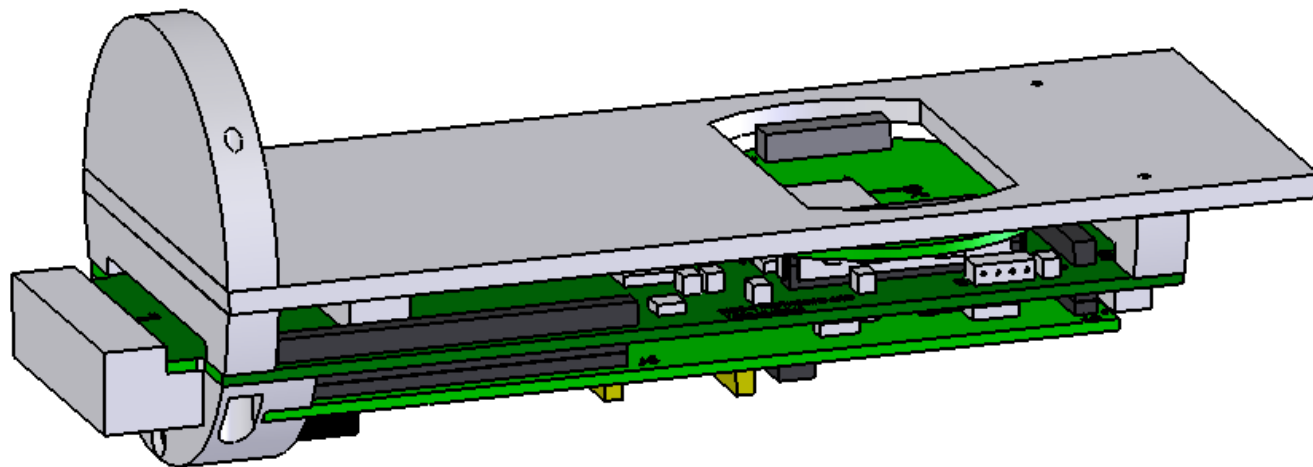
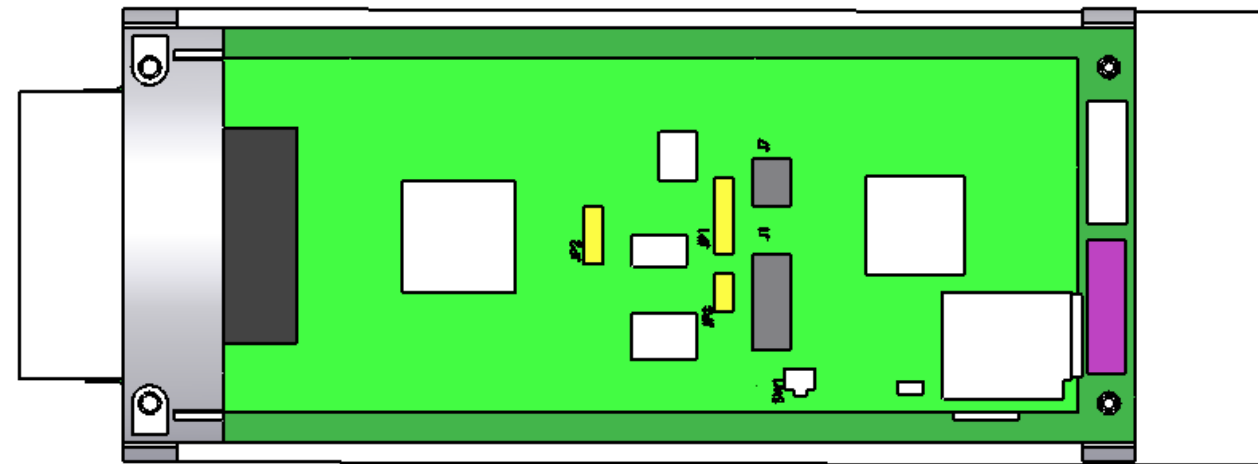
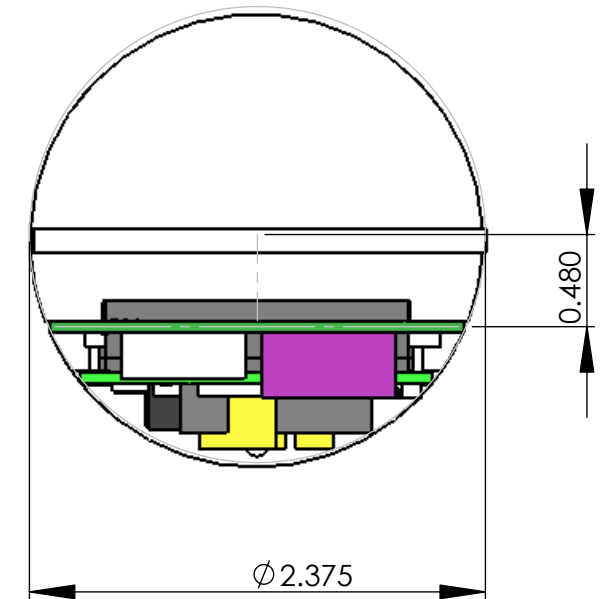
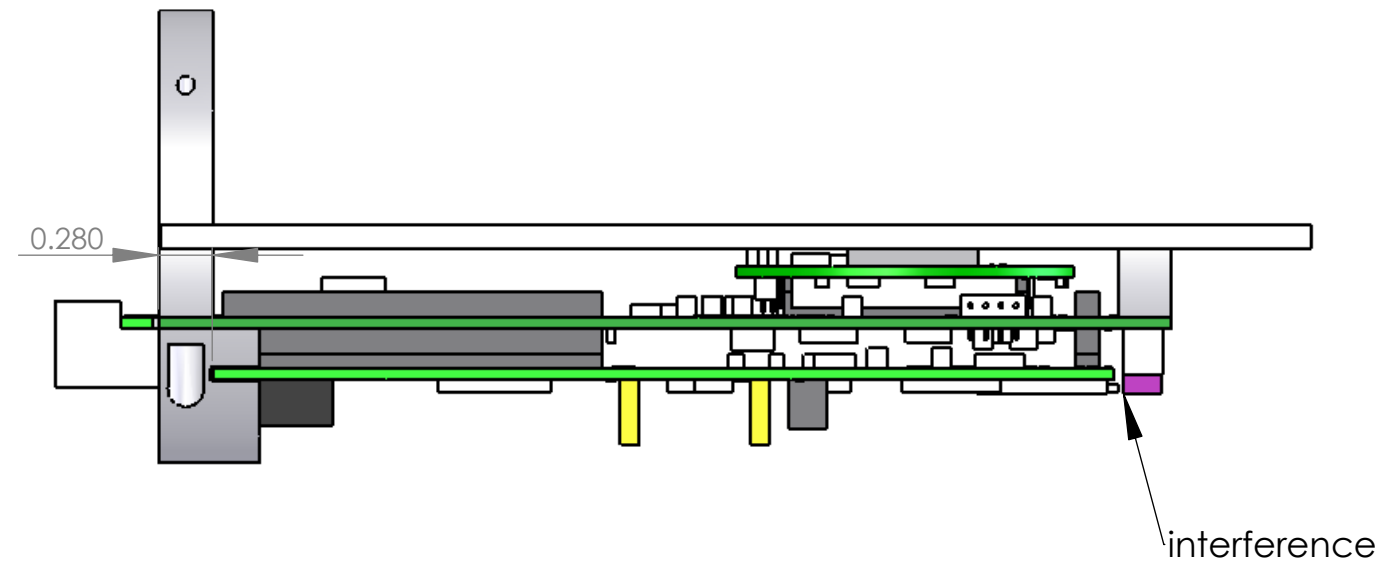
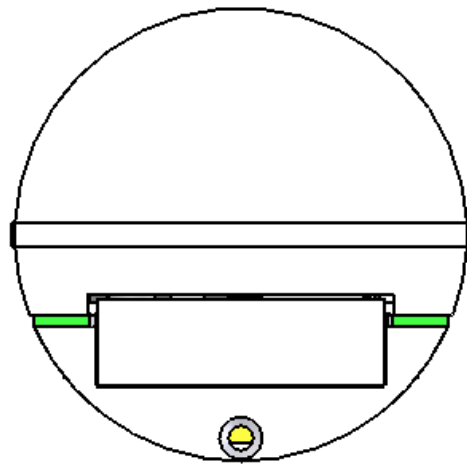


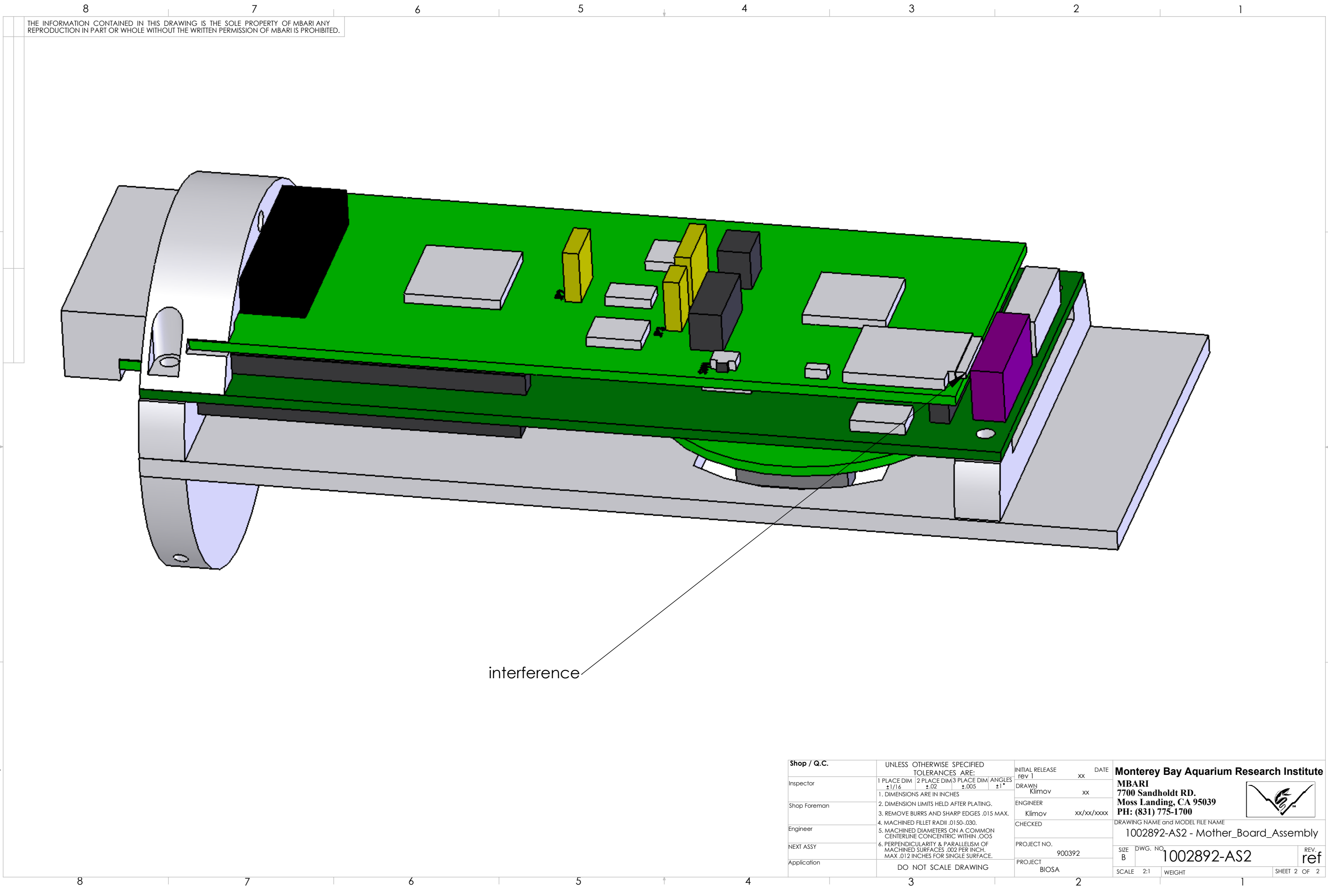
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| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |



Name of the drawing and model files= 'DWG. NO.' + 'drawing name'

| BILL OF MATERIALS        |  |                                                                                                                                                                                                                                                                                                                                                          |                     |                       |               |                    |           |                                     |          |                                                                                                                                                                                                                                                |  |
|--------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|---------------|--------------------|-----------|-------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Shop / Q.C.              |  | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE:                                                                                                                                                                                                                                                                                                            |                     |                       |               | APPROVALS          |           | DATE                                |          | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI<br/>7700 Sandholdt RD.<br/>Moss Landing, CA 95039<br/>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>X         | X         |                                     |          |                                                                                                                                                                                                                                                |  |
| 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<br>CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF<br>MACHINED SURFACES .002 PER INCH.<br>MAX .012 INCHES FOR SINGLE SURFACE. |                     |                       |               | ENGINEER<br>Klimov | 8/13/2007 |                                     |          |                                                                                                                                                                                                                                                |  |
| Engineer                 |  |                                                                                                                                                                                                                                                                                                                                                          |                     |                       |               | CHECKED            |           |                                     |          |                                                                                                                                                                                                                                                |  |
| NEXT ASSY<br>Description |  | NEXT ASSY<br>Number                                                                                                                                                                                                                                                                                                                                      |                     | PROJECT NO.<br>900392 |               |                    |           | 1002892-AS2 - Mother_Board_Assembly |          |                                                                                                                                                                                                                                                |  |
|                          |  |                                                                                                                                                                                                                                                                                                                                                          |                     | PROJECT<br>BIO5A      |               |                    |           |                                     |          |                                                                                                                                                                                                                                                |  |
|                          |  |                                                                                                                                                                                                                                                                                                                                                          |                     |                       |               |                    |           | SIZE<br>B                           | DWG. NO. | 1002892DWG-AS2 2                                                                                                                                                                                                                               |  |
| Application              |  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                     |                     |                       |               | WEIGHT             |           | SCALE 1:1                           |          | CAD FILE: Project Libraries SHEET 1 OF 2                                                                                                                                                                                                       |  |



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interference

|              |  |                                                                                                           |                     |                      |                          |                       |            |                                      |                                                                                                                                                                                                                                                |                                                                         |  |
|--------------|--|-----------------------------------------------------------------------------------------------------------|---------------------|----------------------|--------------------------|-----------------------|------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--|
| shop / Q.C.  |  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                |                     |                      | INITIAL RELEASE<br>rev 1 |                       | DATE<br>xx |                                      | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI<br/>7700 Sandholdt RD.<br/>Moss Landing, CA 95039<br/>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>Klimov       | xx         |                                      |                                                                                                                                                                                                                                                |                                                                         |  |
| Shop Foreman |  | 1. DIMENSIONS ARE IN INCHES                                                                               |                     |                      |                          | ENGINEER<br>Klimov    |            | xx/xx/xxxx                           |                                                                                                                                                                                                                                                | DRAWING NAME and MODEL FILE NAME<br>1002892-AS2 - Mother_Board_Assembly |  |
|              |  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                   |                     |                      |                          |                       |            |                                      |                                                                                                                                                                                                                                                |                                                                         |  |
| Engineer     |  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                 |                     |                      |                          | CHECKED               |            | SIZE B DWG. NO. 1002892-AS2 REV. ref |                                                                                                                                                                                                                                                |                                                                         |  |
|              |  | 4. MACHINED FILLET RADII .0150-.030.                                                                      |                     |                      |                          |                       |            |                                      |                                                                                                                                                                                                                                                |                                                                         |  |
| NEXT ASSY    |  | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                       |                     |                      |                          | PROJECT NO.<br>900392 |            |                                      |                                                                                                                                                                                                                                                |                                                                         |  |
| Application  |  | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. |                     |                      |                          | PROJECT<br>BIOSEA     |            |                                      |                                                                                                                                                                                                                                                |                                                                         |  |
|              |  | DO NOT SCALE DRAWING                                                                                      |                     |                      |                          |                       |            | SCALE 2:1 WEIGHT SHEET 2 OF 2        |                                                                                                                                                                                                                                                |                                                                         |  |