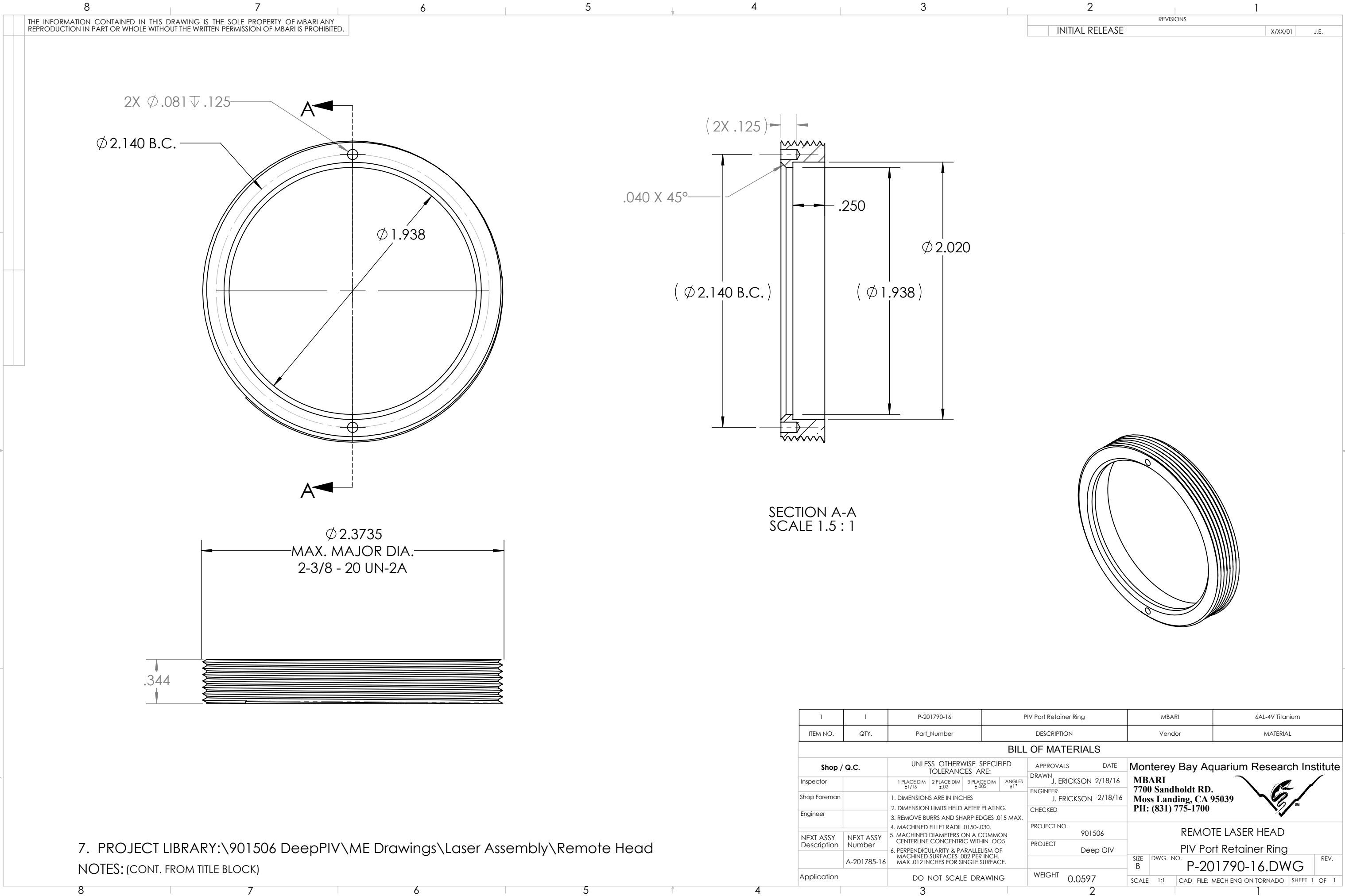




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REVISIONS

INITIAL RELEASE

X/XX/01

J.E.

2X Ø.081 ±.125

A

Ø2.140 B.C.

Ø1.938

A

Ø2.3735  
MAX. MAJOR DIA.  
2-3/8 - 20 UN-2A

.344

(2X .125)

.040 X 45°

.250

Ø2.020

( Ø2.140 B.C. )

( Ø1.938 )

SECTION A-A  
SCALE 1.5 : 1

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\Laser Assembly\Remote Head  
NOTES: (CONT. FROM TITLE BLOCK)

|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                                            |                   |                                                                                                                                                                                                                                     |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | 1                | P-201790-16                                                                                                                                                                                                                                                                                                                                     | PIV Port Retainer Ring                     | MBARI             | 6AL-4V Titanium                                                                                                                                                                                                                     |
| ITEM NO.              | QTY.             | Part_Number                                                                                                                                                                                                                                                                                                                                     | DESCRIPTION                                | Vendor            | MATERIAL                                                                                                                                                                                                                            |
| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                                            |                   |                                                                                                                                                                                                                                     |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                                            |                   | APPROVALS DATE                                                                                                                                                                                                                      |
| Inspector             |                  | 1 PLACE DIM ±1/16                                                                                                                                                                                                                                                                                                                               | 2 PLACE DIM ±.02                           | 3 PLACE DIM ±.005 | ANGLES ±1°                                                                                                                                                                                                                          |
| 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. |                                            |                   | DRAWN J. ERICKSON 2/18/16                                                                                                                                                                                                           |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                                            |                   | ENGINEER J. ERICKSON 2/18/16                                                                                                                                                                                                        |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                                            |                   | CHECKED                                                                                                                                                                                                                             |
| NEXT ASSY Description | NEXT ASSY Number | PROJECT NO. 901506                                                                                                                                                                                                                                                                                                                              |                                            |                   | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI<br/>7700 Sandholdt RD.<br/>Moss Landing, CA 95039<br/>PH: (831) 775-1700</div>  |
|                       | A-201785-16      | PROJECT Deep OIV                                                                                                                                                                                                                                                                                                                                |                                            |                   |                                                                                                                                                                                                                                     |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                                            |                   |                                                                                                                                                                                                                                     |
|                       |                  | WEIGHT 0.0597                                                                                                                                                                                                                                                                                                                                   |                                            |                   |                                                                                                                                                                                                                                     |
|                       |                  | SIZE B                                                                                                                                                                                                                                                                                                                                          | DWG. NO. P-201790-16.DWG                   |                   | REV.                                                                                                                                                                                                                                |
|                       |                  | SCALE 1:1                                                                                                                                                                                                                                                                                                                                       | CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1 |                   |                                                                                                                                                                                                                                     |