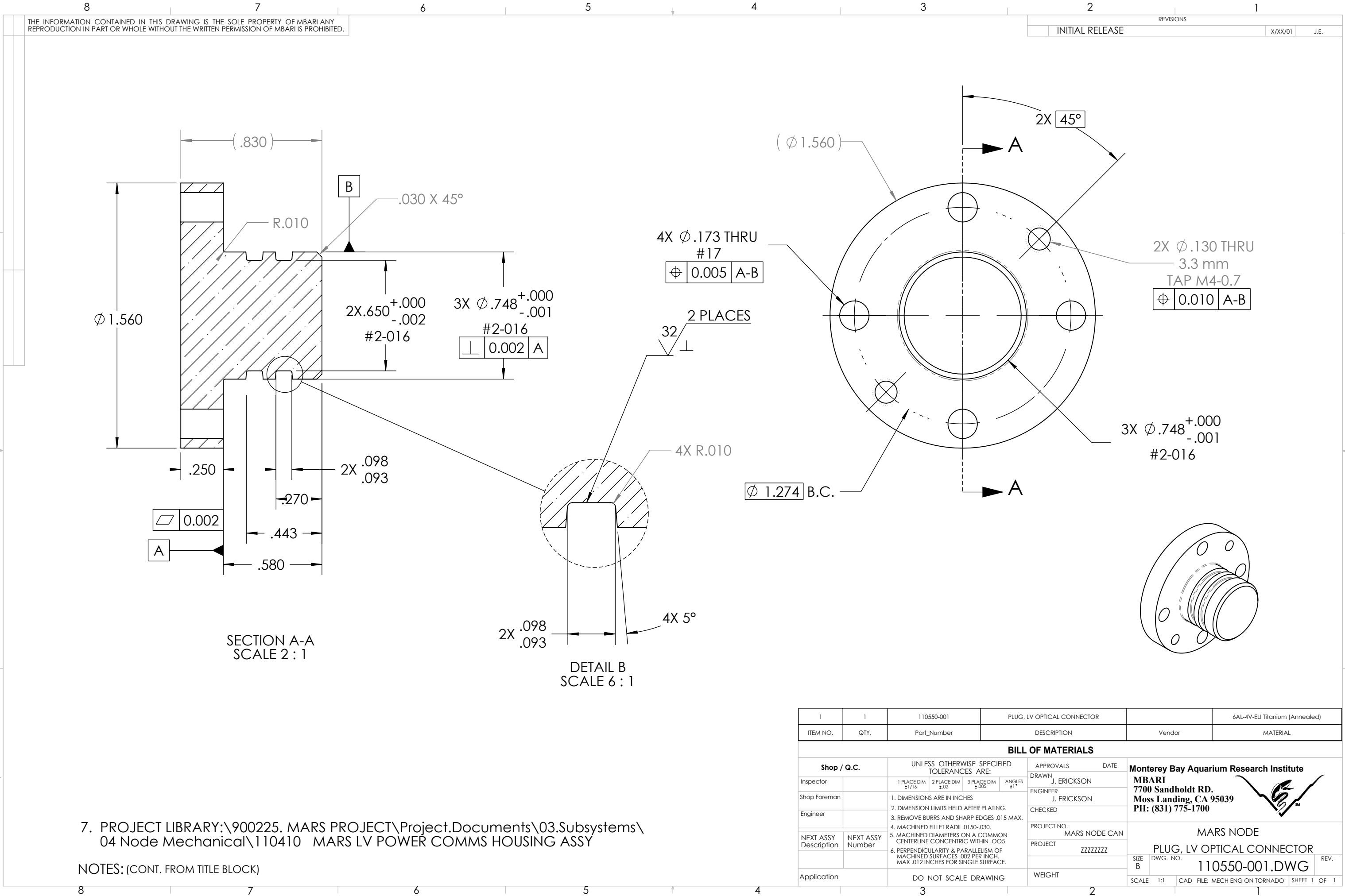




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| REVISIONS       |         |      |
|-----------------|---------|------|
| INITIAL RELEASE | X/XX/01 | J.E. |

SECTION A-A  
SCALE 2 : 1

DETAIL B  
SCALE 6 : 1

7. PROJECT LIBRARY:\900225. MARS PROJECT\Project.Documents\03.Subsystems\  
04 Node Mechanical\110410 MARS LV POWER COMMS HOUSING ASSY

NOTES: (CONT. FROM TITLE BLOCK)

|                       |  |                      |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               |             |      |                                            |  |
|-----------------------|--|----------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|---------------|-------------|------|--------------------------------------------|--|
| 1                     |  | 1                    |                                            | 110550-001                                                                                                                                                                                                                                                                                                                                      |                     | PLUG, LV OPTICAL CONNECTOR |               |             |      | 6AL-4V-ELI Titanium (Annealed)             |  |
| 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<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005       | ANGLES<br>±1° | DRAWN       |      | J. ERICKSON                                |  |
| 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    |      | J. ERICKSON                                |  |
| Engineer              |  |                      |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               | CHECKED     |      |                                            |  |
| NEXT ASSY Description |  | NEXT ASSY Number     |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               | PROJECT NO. |      | MARS NODE CAN                              |  |
|                       |  |                      |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               | PROJECT     |      | ZZZZZZZZ                                   |  |
| Application           |  | DO NOT SCALE DRAWING |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     | WEIGHT                     |               |             |      |                                            |  |
|                       |  |                      |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               | SIZE B      |      | DWG. NO.                                   |  |
|                       |  |                      |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               |             |      | 110550-001.DWG                             |  |
|                       |  |                      |                                            |                                                                                                                                                                                                                                                                                                                                                 |                     |                            |               | SCALE 1:1   |      | CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1 |  |

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MARS NODE  
PLUG, LV OPTICAL CONNECTOR