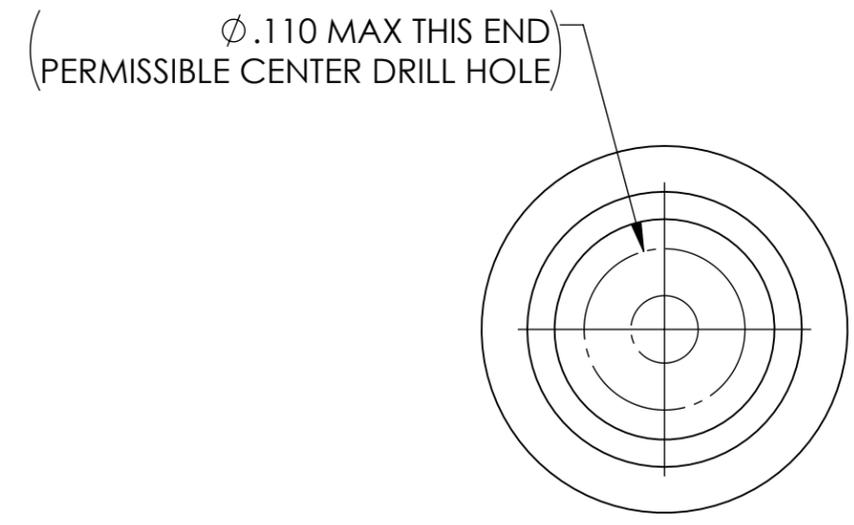
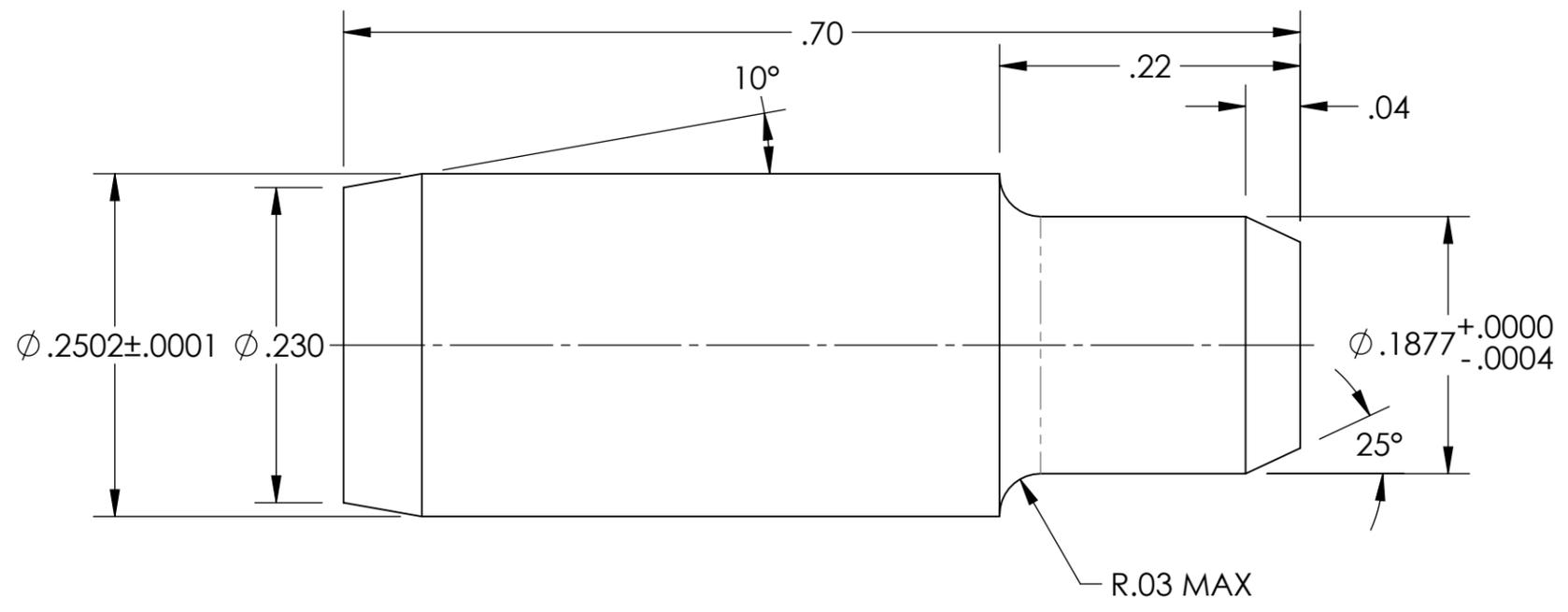
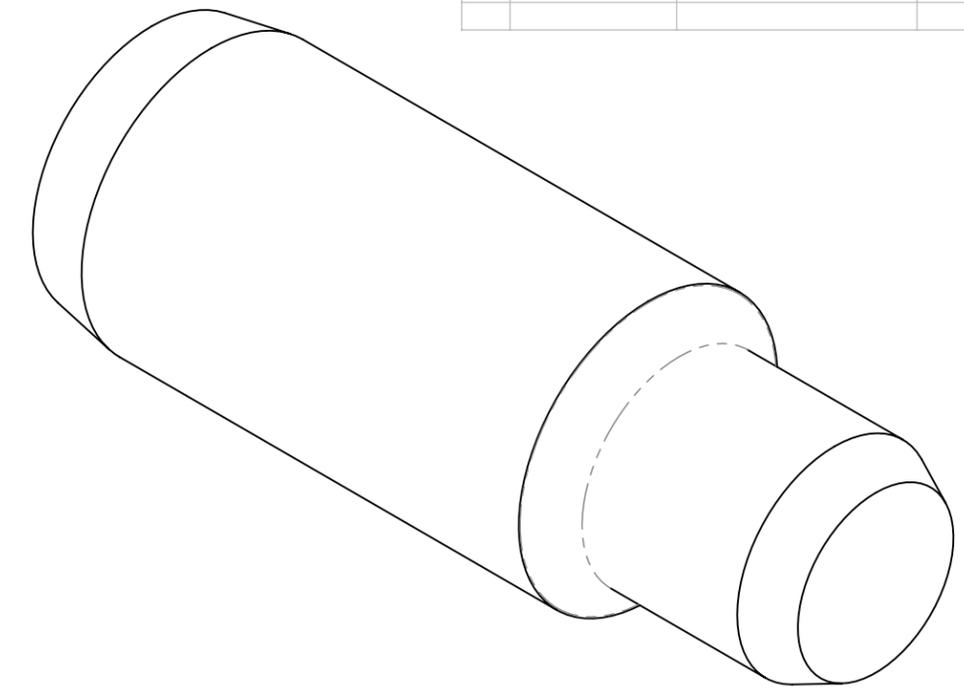


8 7 6 5 4 3 2 1

| REV. | DATE | DCN # | BOM # |
|------|-------------|-------------|-------|
| v1 | 11 JAN 2013 | N/A | - |
| v2 | 11 JAN 2013 | E1300028-x0 | - |

- NOTES (CONTINUED):**
- WRAP PARTS FOR GOOD PROTECTION AGAINST DAMAGE. BAG AND TAG WRAPPED LOT WITH DRAWING NUMBER, REVISION, QUANTITY, AND LOT SERIAL NUMBER. LOT SERIAL NUMBERS START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE (TAG): DXXXXXXX-VY, QTY: X, LOT S/N 001.
 - MASS: 3.873 G [0.009 LB].
 - MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 - ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 - NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL, WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE PART SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.
 - CENTER DRILLING IS PERMISSIBLE AT BOTH ENDS OF PART. MAX DIAMETER OF DRILL HOLE AT SMALL END OF PART SHALL NOT EXCEED 0.110".



D1300022 aLIGO Pcal Periscope Mirror Alignment Pin, PART PDM REV: X-004, DRAWING PDM REV: X-007

| | | | | | | | | |
|--|--|---|--|---|--|---|--|-----------------------|
| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0° | | 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | | CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME aLIGO PCAL PERISCOPE MIRROR ALIGNMENT PIN | | REV. v2 |
| MATERIAL 304, 316 OR 302 SSSL | | FINISH 63 μinch Ra | | SYSTEM ADVANCED LIGO | | SUB-SYSTEM AOS | | DESIGNER C. CONLEY |
| NEXT ASSY D1200172, D1200173 | | DATE 11 JAN 2013 | | SIZE B | | DWG. NO. D1300022 | | CHECKER SEE DCN |
| | | | | APPROVAL SEE DCN | | SCALE: NONE PROJECTION: | | SHEET 1 OF 1 |

8 7 6 5 4 3 2 1