**NOTES CONTINUED:**

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX

6. APPROXIMATE WEIGHT = 2.07 LBS.

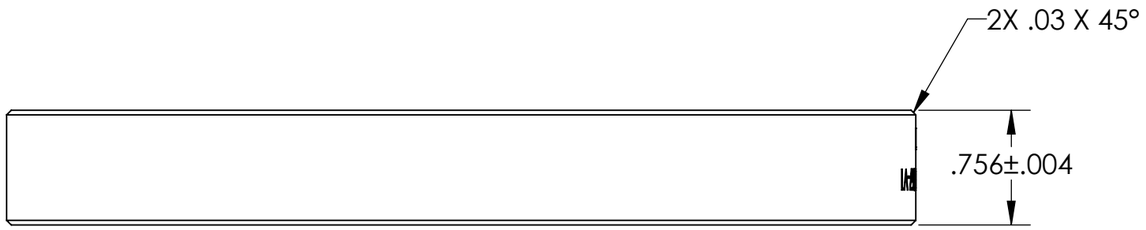
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

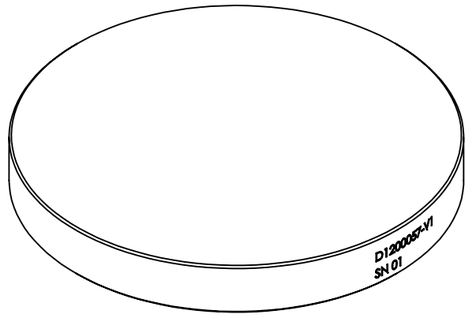
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

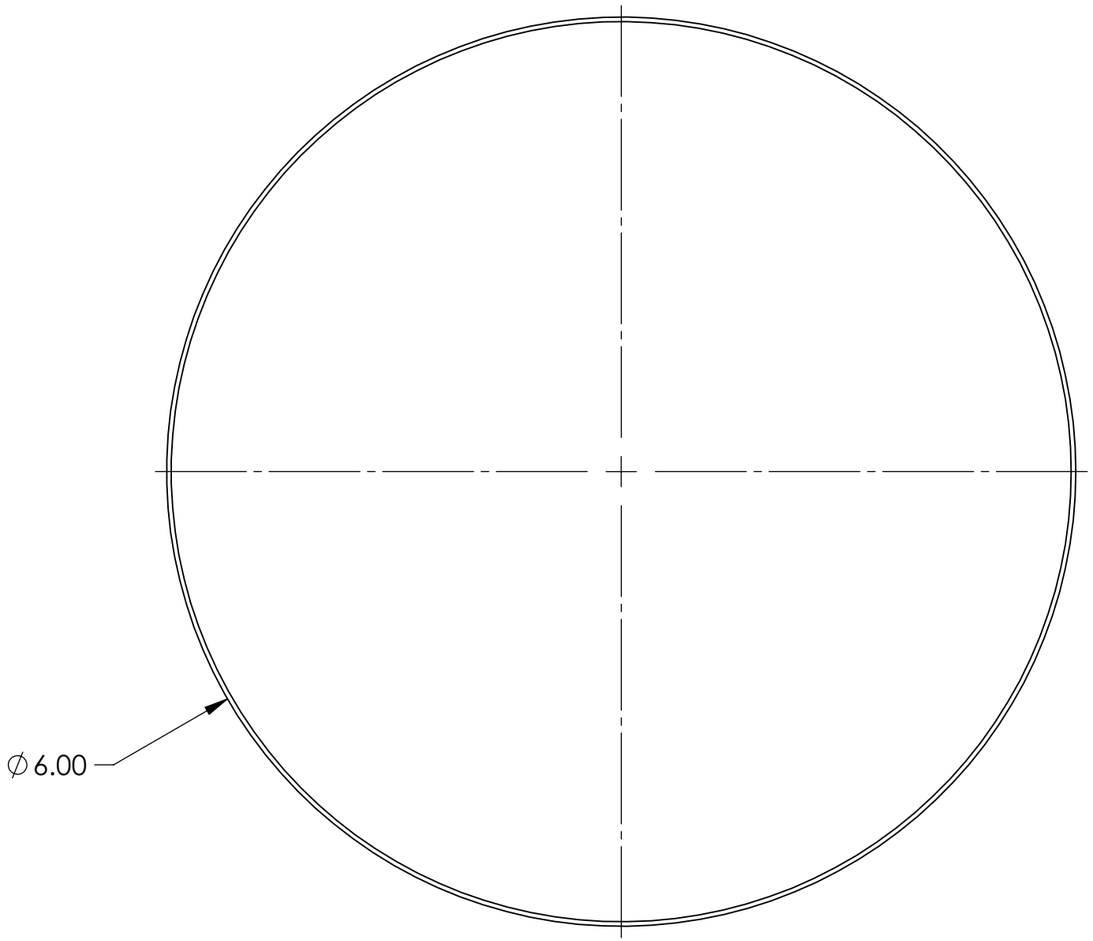
10. THIS PART IS GEOMETRICALLY SIMILAR TO D1101006.

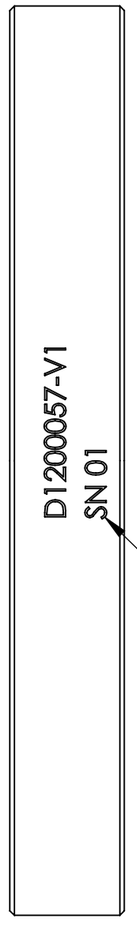
| REV. | DATE | DCN # | DRAWING TREE # |
|---|---|---|---|
| v1 | 8 JAN 2012 | E1100521 | - |
| - | - | - | - |
| - | - | - | - |




GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE




D1200057 aLIGO, high quality 6in, non-wedged, Viewport, Mockup, PART PDM REV: X-000, DRAWING PDM REV: X-001

**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. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

**MATERIAL** 6061-T6 Al

**FINISH** 63 µinch

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**SYSTEM** ADVANCED LIGO | **SUB-SYSTEM** SLC

**NEXT ASSY** D1100999

**PART NAME** HIGH QUALITY 6IN, NON-WEDGED VIEWPORT MOCKUP

| | | | |
|---|---|---|---|
| DESIGNER | TQ. NGUYEN | 9 JAN 2012 | |
| DRAFTER | TQ. NGUYEN | 9 JAN 2012 | |
| CHECKER | L. AUSTIN | | |
| APPROVAL | M. SMITH | | |

**SIZE** B | **DWG. NO.** D1200057 | **REV.** v1

**SCALE:** 1:1 | **PROJECTION:** | SHEET 1 OF 1