

D1001863_d1lgo_aos_D0900614_Faraday Isolator Optical Prism Spacer, PART PDM REV: X-008, DRAWING PDM REV: X-005

NOTES CONTINUED:

5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

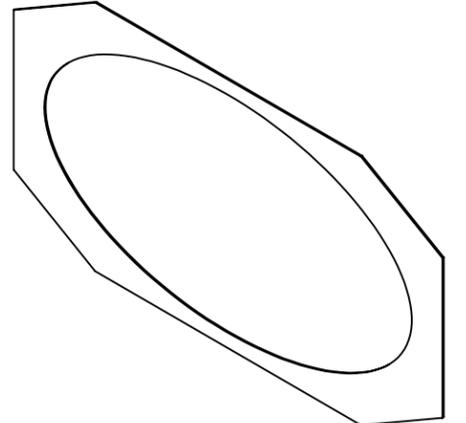
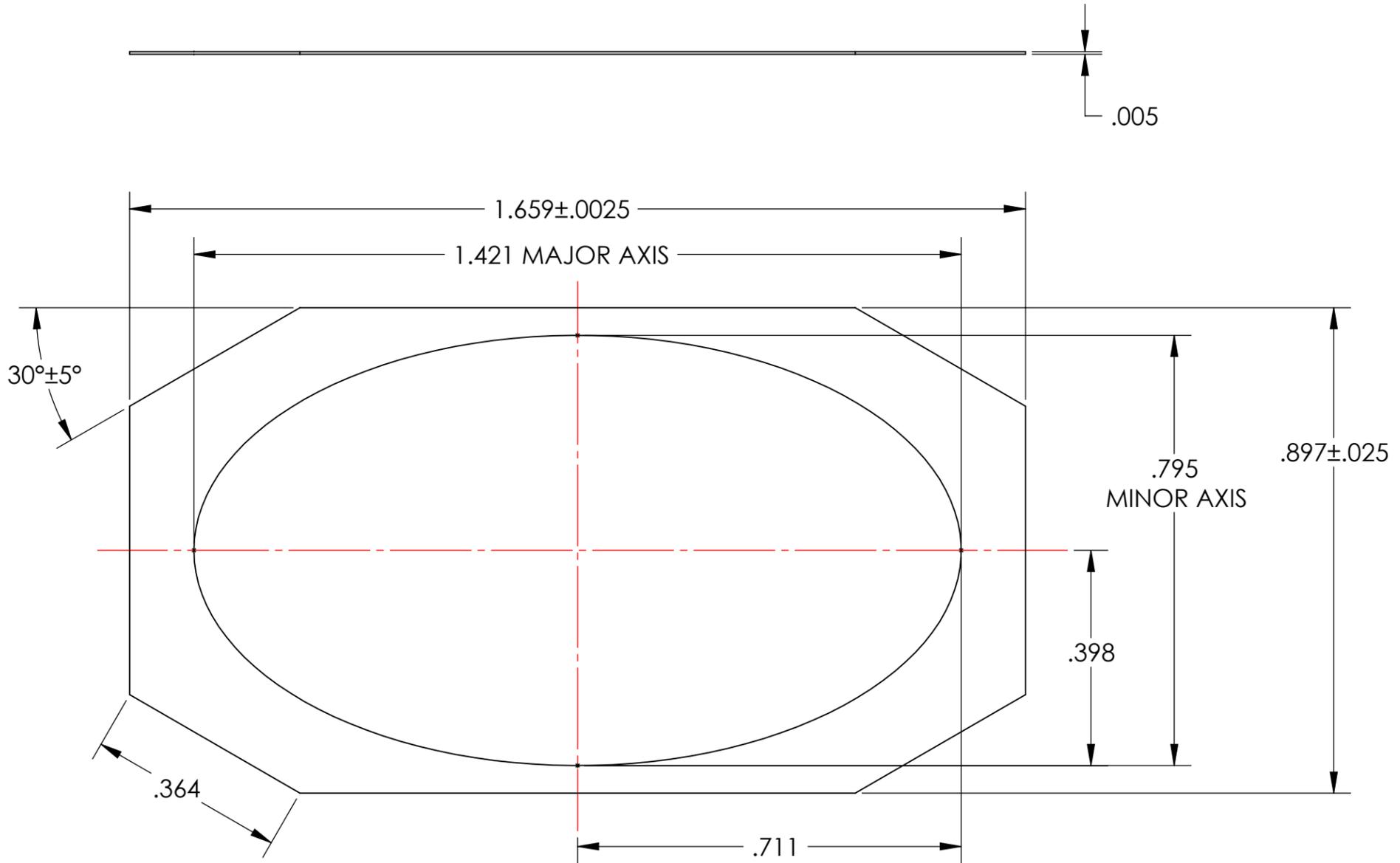
6. APPROXIMATE WEIGHT = 0.001 LB.

7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.

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

9. ITEM DESCRIPTION:
 SPACER FOR 20 MM GLAN BREWSTER POLARIZER
 PURCHASED FROM KARL LAMBRECHT CORP.
 4204 N. LINCOLN AVENUE, CHICAGO, IL 60618
 PHONE: (773) 472-5442
 FAX: (773) 472-2724

| REV. | DATE | DCN # | DRAWING TREE # |
|------|------------|----------|----------------|
| v1 | 7 OCT 2010 | E1000563 | - |
| - | - | - | - |
| - | - | - | - |



GENERAL VIEW
 FOR REFERENCE ONLY
 NO SCALE

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME | | |
|--|--|--|--|---|--|--------------------------|-----------------------------|----------------------|
| DIMENSIONS ARE IN INCHES | | 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | | SYSTEM ADVANCED LIGO | | SUB-SYSTEM AOS | | OPTICAL PRISM SPACER |
| TOLERANCES: .XX ± .01 .XXX ± .005 | | MATERIAL 304 SSSL | | NEXT ASSY D0900614 & 0900615 | | DESIGNER TQ. NGUYEN | DATE 14 JUL 2010 | |
| ANGULAR ± 0.5° | | FINISH AS RECEIVED | | CHECKER M. SMITH | | DRAWN TQ. NGUYEN | DATE 23 AUG 2010 | |
| | | | | APPROVAL D. COYNE | | SIZE B | DWG. NO. D1001863 | |
| | | | | | | SCALE: 4:1 | PROJECTION: | |
| | | | | | | REV. SHEET 1 OF 1 | | |