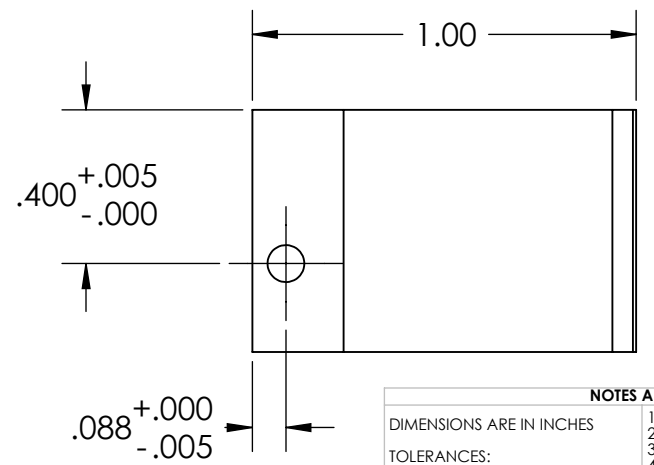
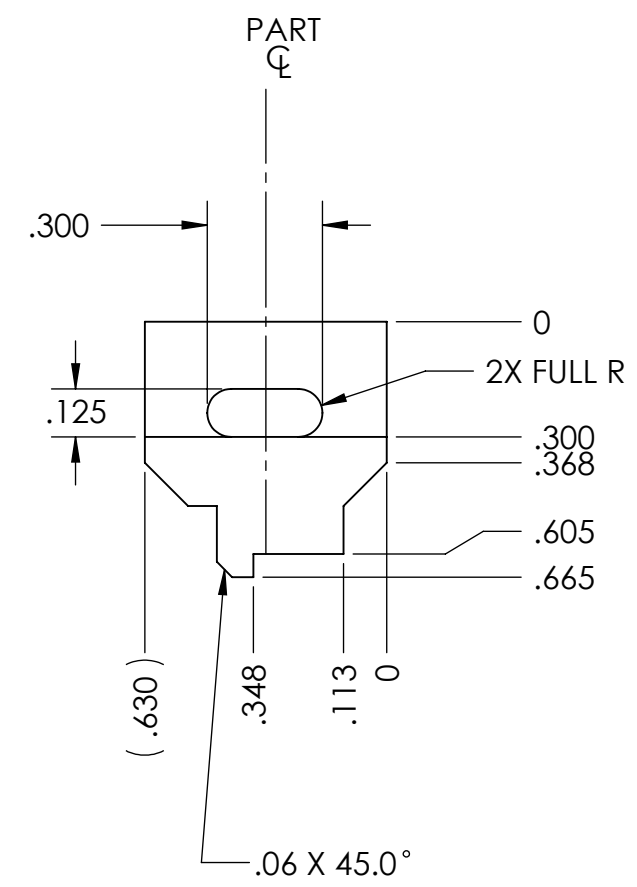
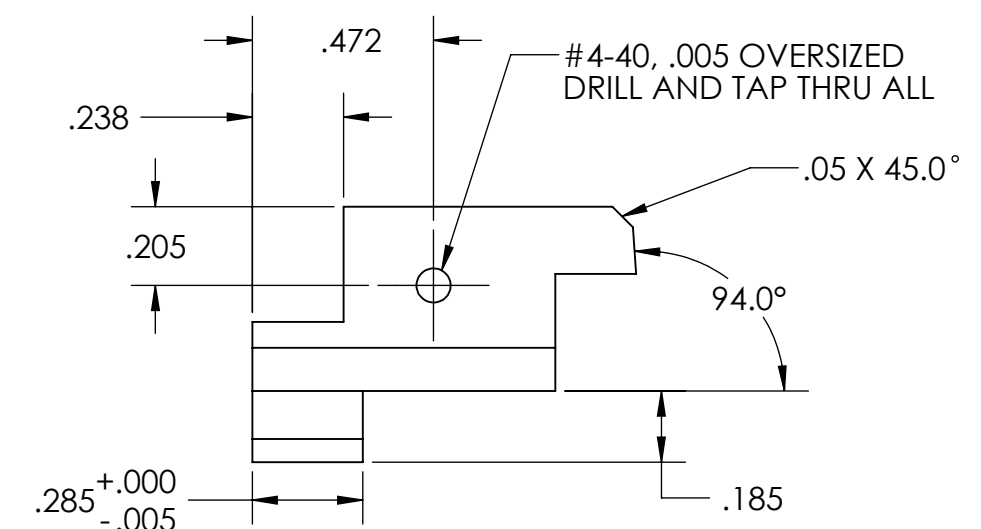
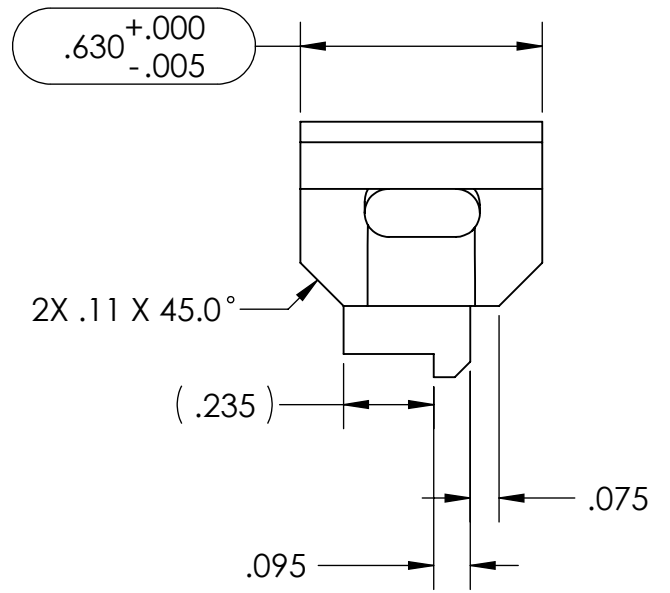
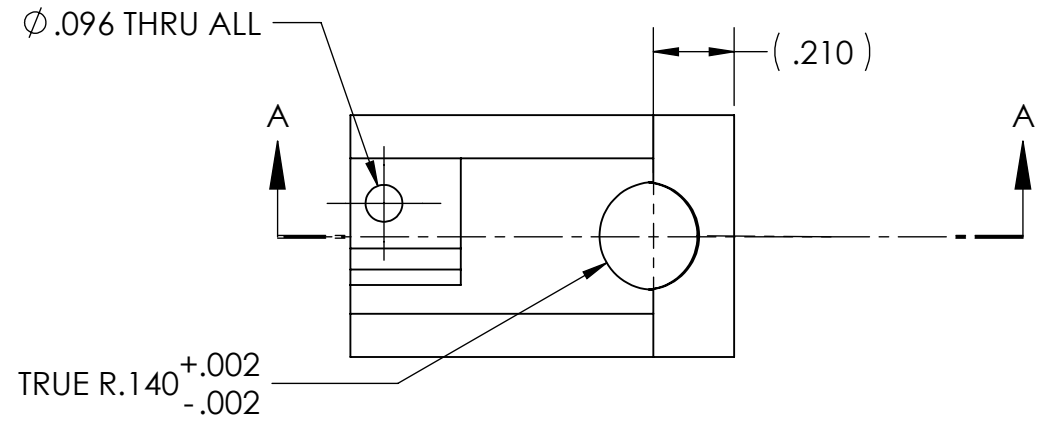
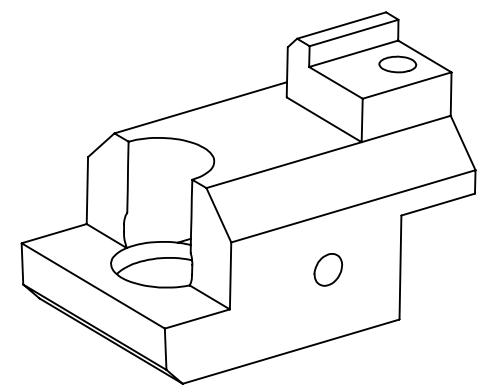
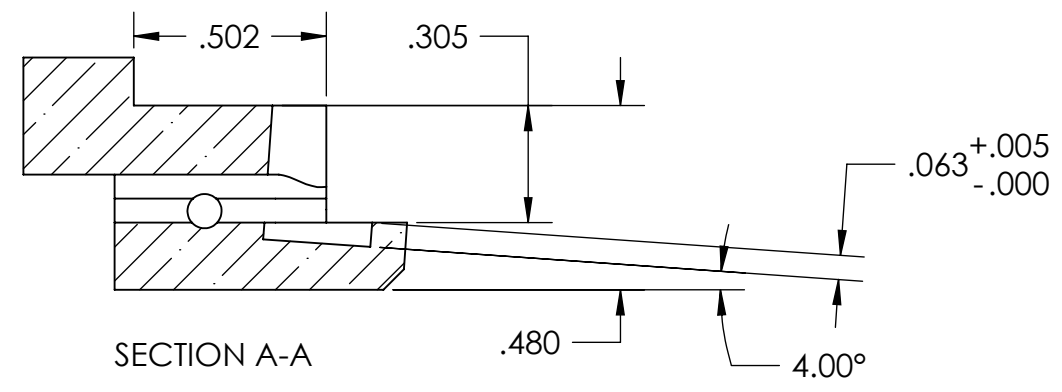


NOTES CONTINUED:  
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (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 = 0.03 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.

REV.	DATE	DCN #	DRAWING TREE #
v1	13-OCT-2010		
v2	08-NOV-2010	E1000291-v3	E1000295-v4
v3	29-NOV-2010	E1000291-v4	E1000295-v5



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, R.02 MAX.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 0.1°

DIMENSIONS ARE IN INCHES

MATERIAL	FINISH
MACOR CERAMIC	63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME <b>RH ELEMENT CONNECTOR, SIMPLIFIED RIGHT</b>	
SYSTEM <b>ADVANCED LIGO</b>	SUB-SYSTEM <b>AOS</b>	DESIGNER M. JACOBSON 01 OCT 2010	SIZE DWG. NO. <b>B D1002544</b>
DRAFTER M. JACOBSON 01 OCT 2010	CHECKER A. COLE 01 OCT 2010	APPROVAL P. WILLEMS 01 OCT 2010	REV. <b>v3</b>
NEXT ASSY D1001838, D1001895		SCALE: 2:1	PROJECTION:  SHEET 1 OF 1

D1002544\_RH ELEMENT RETAINER, SIMPLIFIED RIGHT, PART PDM REV: X-013, DRAWING PDM REV: X-016