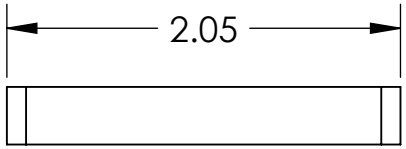
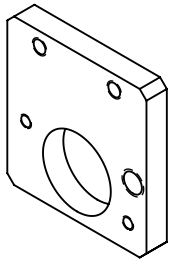
NOTES CONTINUED:

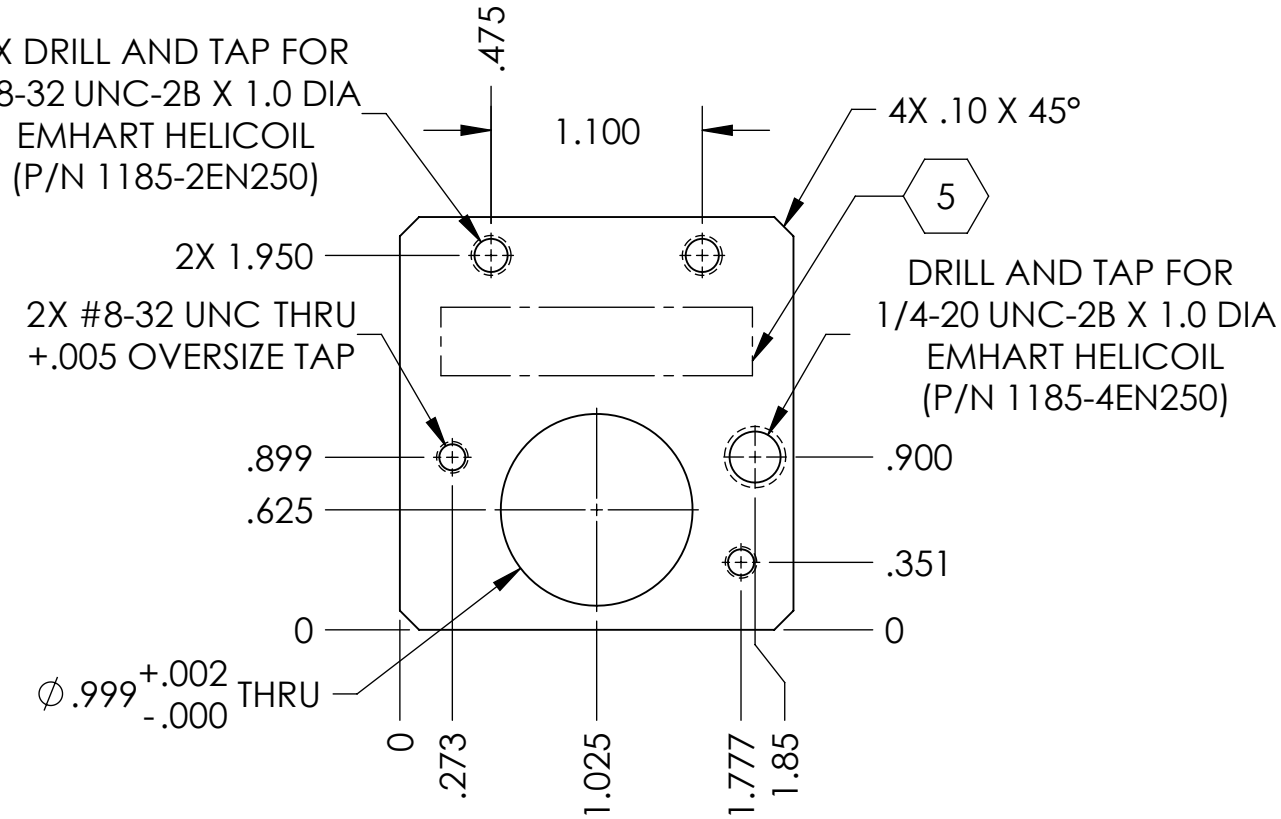
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 101 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.
   EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX
6. APPROXIMATE WEIGHT = 0.102 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.

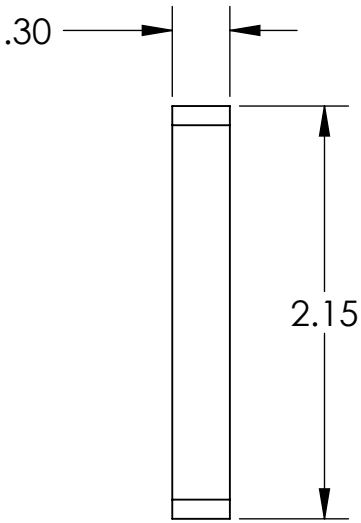
REV.	DATE	DCN #	DRAWING TREE #
v1	16 JUN 2010	E0900505	E0900353
-	-	-	-
-	-	-	-





ISOMETRIC VIEW





NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .03
.XXX ± .005

ANGULAR ± 0.5°

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.

MATERIAL 6061-T6 Al

FINISH 32 µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO **SUB-SYSTEM** SUS

NEXT ASSY MULTIPLE ASSY

PART NAME AOSEM ALIGNMENT BRACKET

DESIGNER	B. MOORE	11 OCT 2009	SIZE	DWG. NO.	REV.
DRAFTER	B. MOORE	22 APR 2010	A	D0902417	v1
CHECKER	M. MEYER	23 APR 2010			
APPROVAL			SCALE: 1:1	PROJECTION:	SHEET 1 OF 1

D0902417_AdvLIGO_SUS_HSTS_AOSEM Alignment Bracket, Test Mass, PART PDM REV: X-006, DRAWING PDM REV: X-004