

D0902249 Stage1-2 Vertical Displacement Sensor Mount, PART PDM REV: X-011, DRAWING PDM REV: X-005

REV.	DATE	DCN #	DRAWING TREE #
v1	01 Mar. 2010	E1000049	E1000025
v2	23 June 2010	E1000227	E1000025
v3	08 Feb. 2011	E1000353	E1000025

**NOTES CONTINUED:**

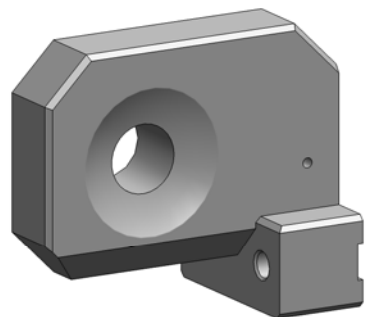
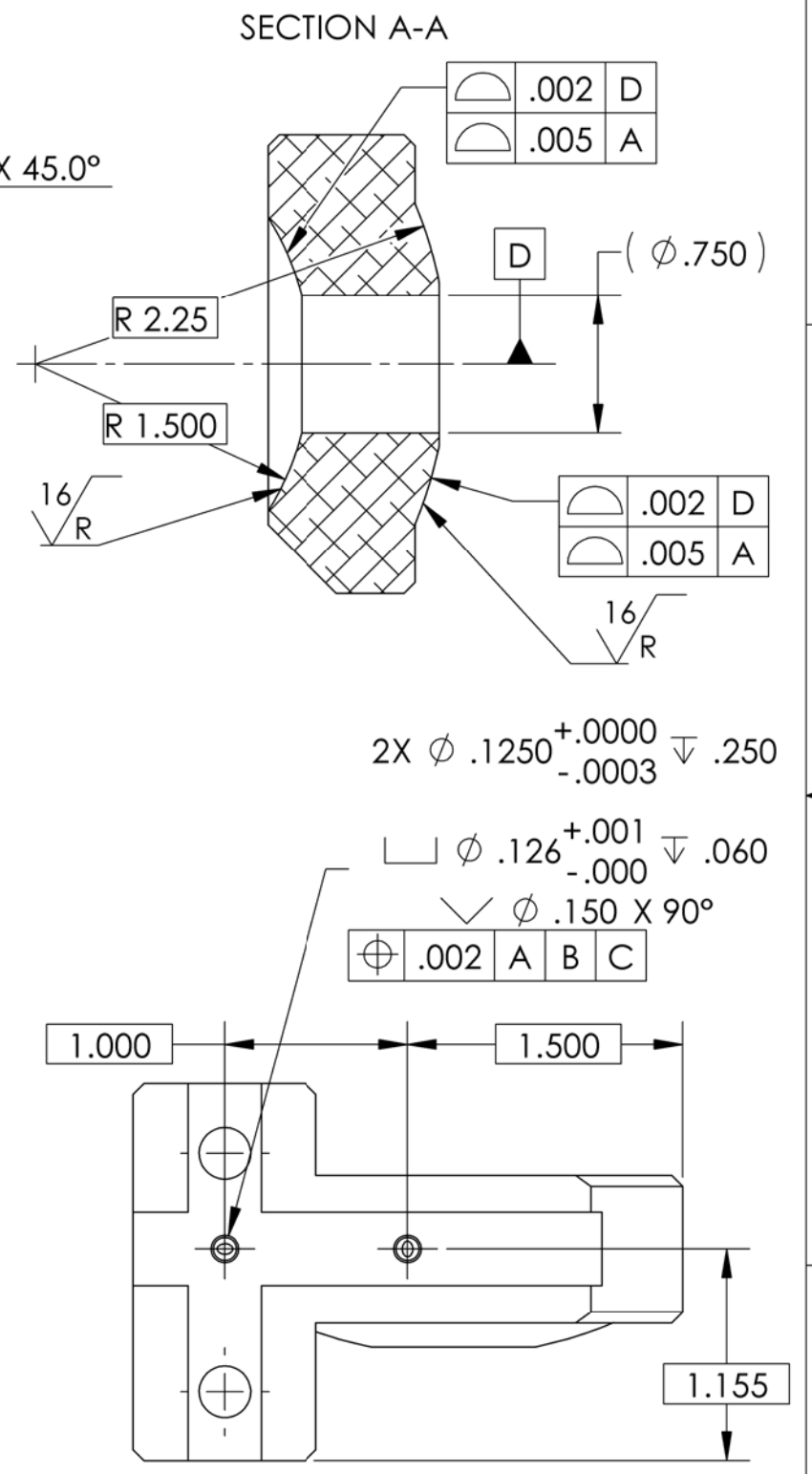
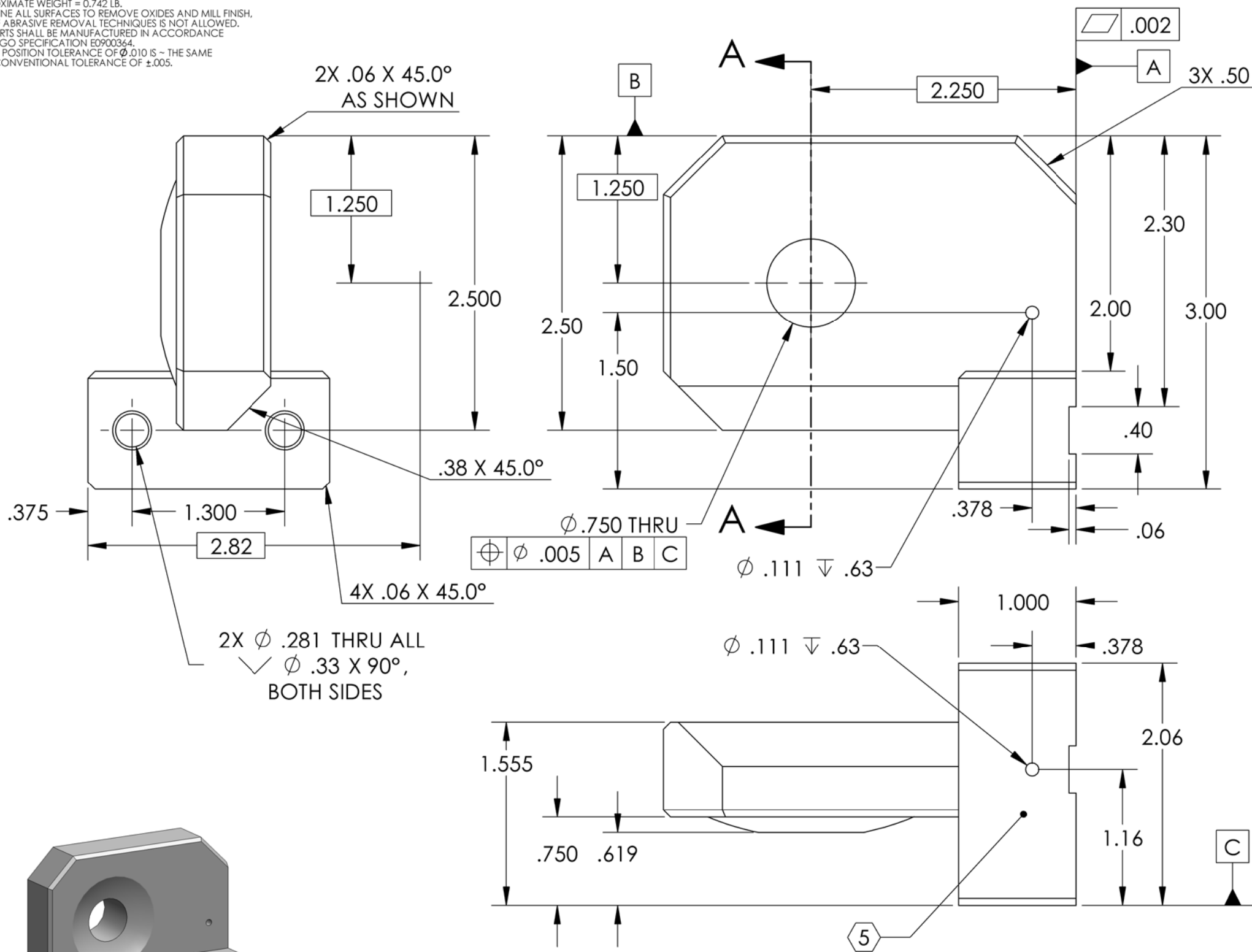
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM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

6. APPROXIMATE WEIGHT = 0.742 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. A TRUE POSITION TOLERANCE OF  $\phi .010$  IS - THE SAME AS A CONVENTIONAL TOLERANCE OF  $\pm .005$ .



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		STAGE 1-2, VERTICAL DISPLACEMENT SENSOR MOUNT	
TOLERANCES: .XX $\pm .015$ .XXX $\pm .005$				SUB-SYSTEM SEI		DESIGNER S.BARNUM 01 Mar.2010	SIZE DWG. NO. B D0902249
ANGULAR $\pm .5^\circ$				MATERIAL 6061-T6 Al		DRAFTER M.HILLARD 01 Mar. 2010	REVISION v3
				FINISH 32 $\mu$ inch		CHECKER F.MATICHARD 01 Mar. 2010	SCALE: 1:1
				NEXT ASSY D0902534		APPROVAL K.MASON 01 Mar. 2010	PROJECTION:  SHEET 1 OF 1