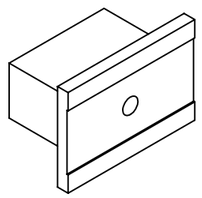
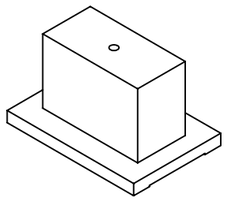
NOTES CONTINUED:

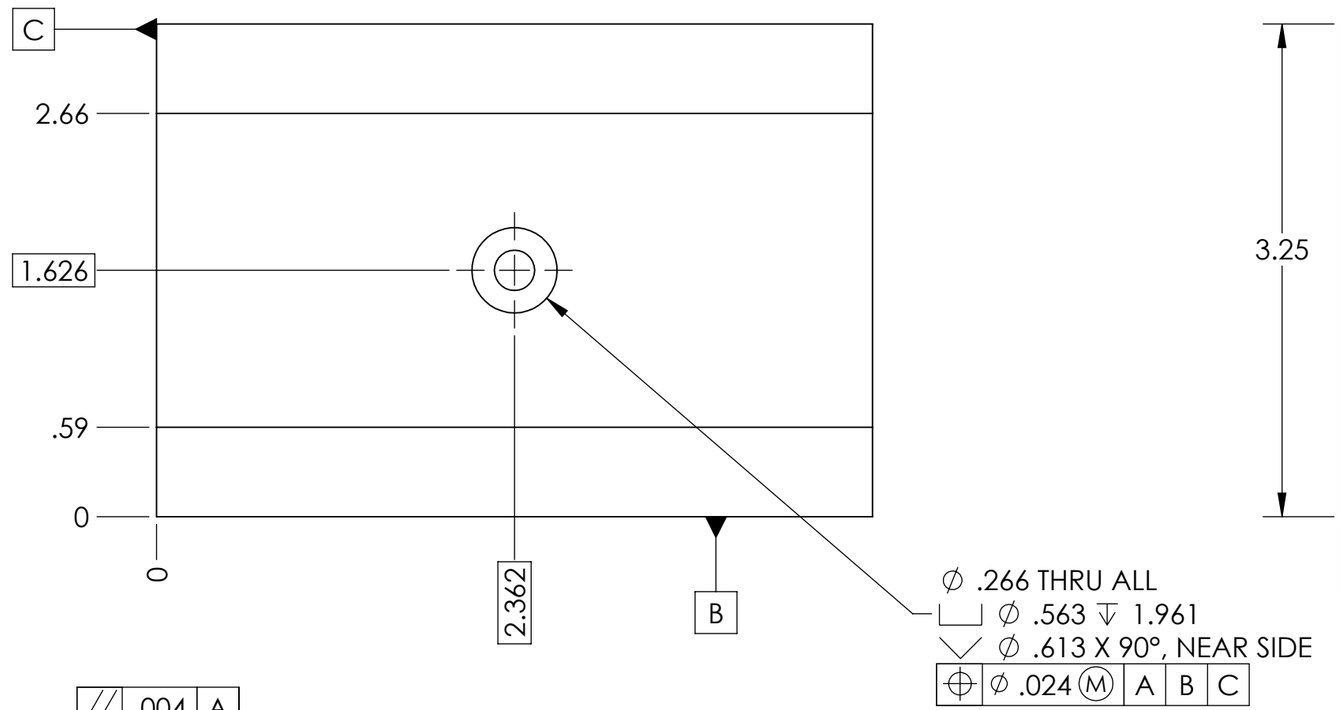
5 SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE 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

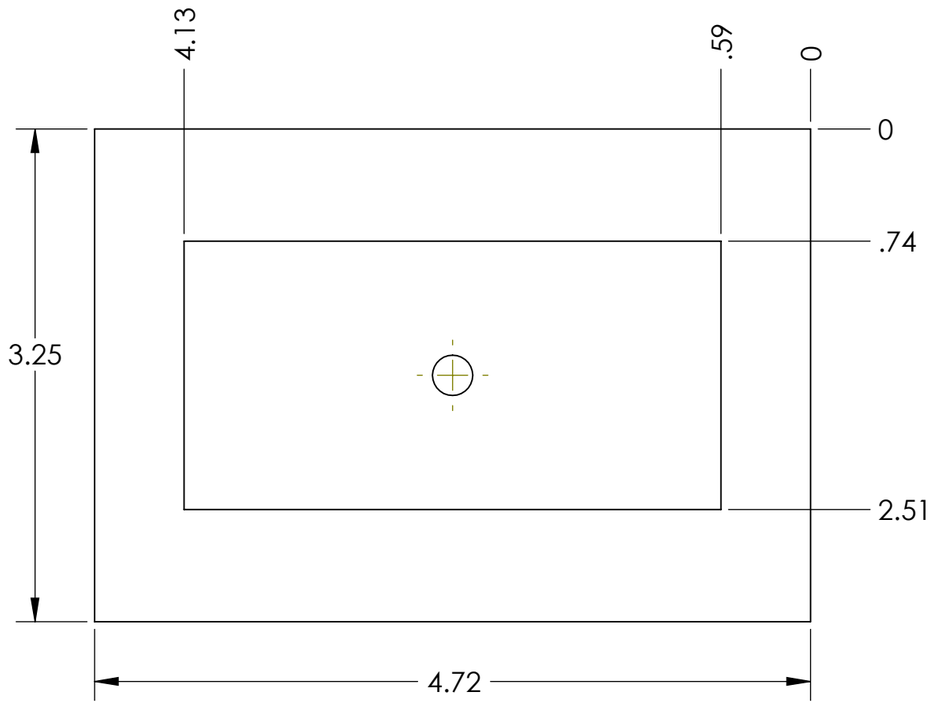
REV.	DATE	DCN #	DRAWING TREE #
V2	1 AUG 2013	E1300633	

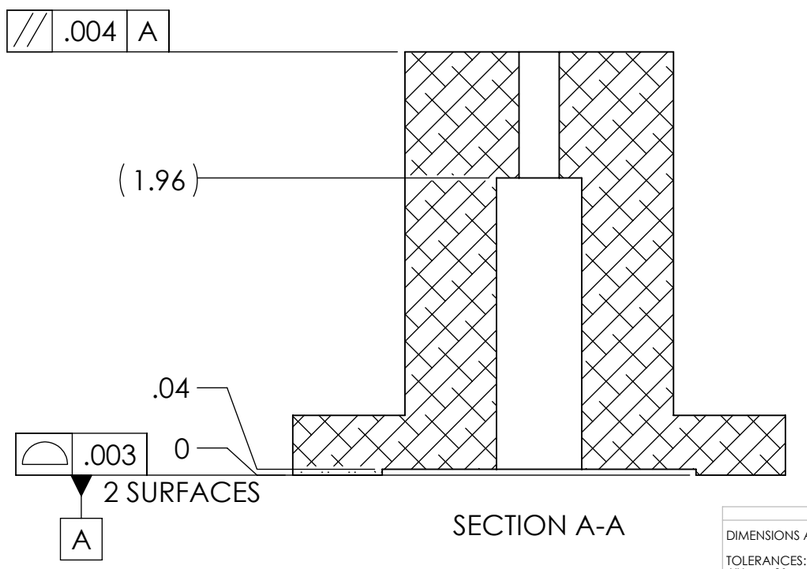




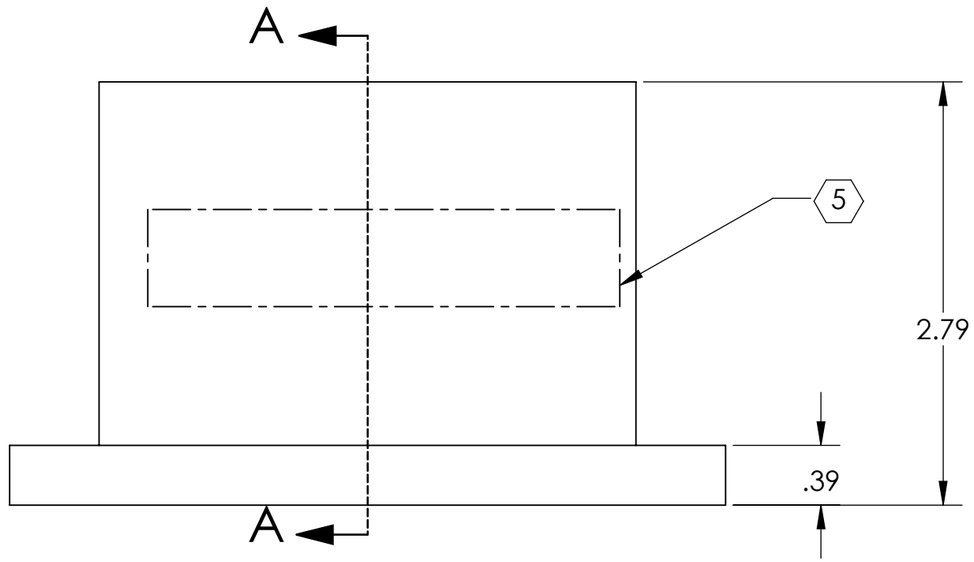
Mounting screw should have length of
1" from bottom of head to tip
(e.g. McMasterCarr 92196A542 or similar)







SECTION A-A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 0.5°

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 CLEAR ANODIZE

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO

SUB-SYSTEM ISC

NEXT ASSY

PART NAME ALS Faraday Isolator Mount

DESIGNER	J Miller		
DRAFTER	J Miller		
CHECKER	SBARNUM	2 AUG 2013	
APPROVAL	PFRITSCHEL	2 AUG 2013	

SIZE B **DWG. NO.** D1300606 **REV.** v2

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

D1300606_ALS_FI_Mount, PART PDM REV: X-001, DRAWING PDM REV: X-001