

D1300345_MOUNT ADAPTER, aLIGO TCS HWS ITM UPPER PERISCOPE, PART PDM REV: X-006, DRAWING PDM REV: X-003

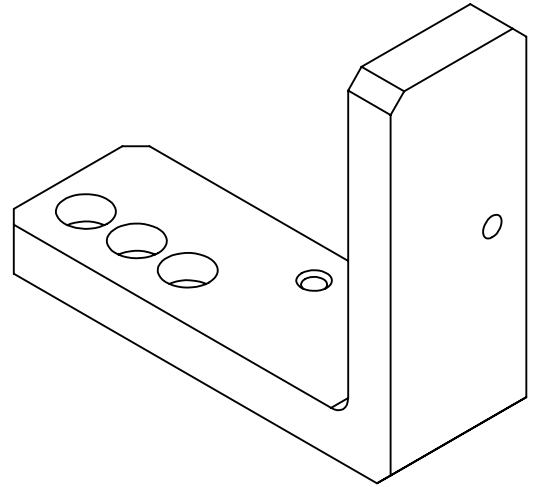
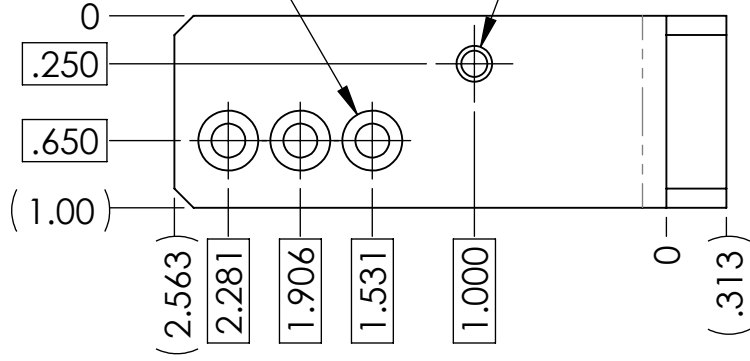
NOTES CONTINUED:
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001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

- 6. APPROXIMATE WEIGHT = .157 LB
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL), NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

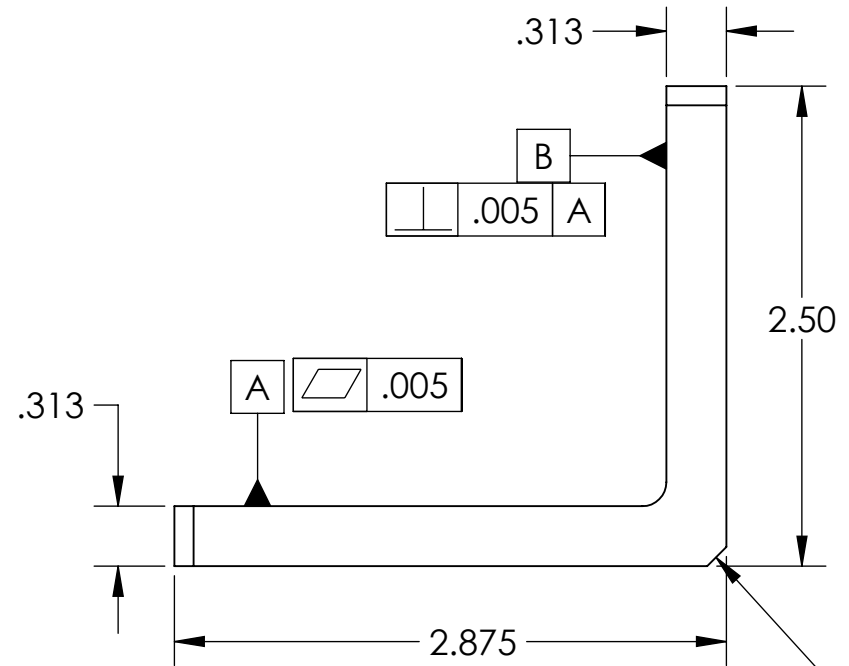
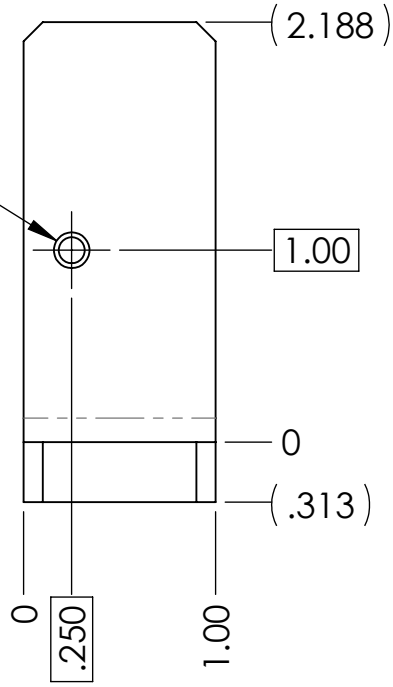
REV.	DATE	DCN #	DRAWING TREE #
v1	17-APR-13	E1300281-x0	E1300170-v1
v2	29-MAY-13	E1300281-x0	E1300170-v1
-	-	-	-

$\phi .18$ THRU
 $\square \phi .31 \downarrow .17$
 FOR .010 SHCS
 HEAD CLEARANCE
 $\oplus .010 \quad B \quad A$

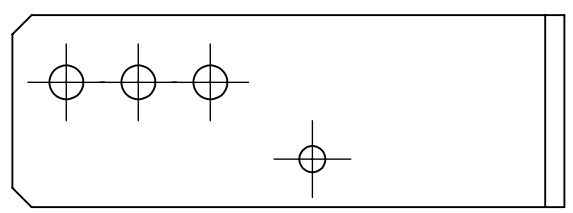
.005 OVER SIZED
 #8-32 TAP THRU
 $\sphericalangle \phi .19 \times 90^\circ$
 $\oplus .010 \quad B \quad A$



.005 OVER SIZED
 #8-32 TAP THRU
 $\sphericalangle \phi .19 \times 90^\circ$
 $\oplus .010 \quad A \quad B$



.10 X .10 X 45°
 CHAMFER
 ALL EXTERIOR CORNERS
 5 PLCS



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°	
MATERIAL	6061 Alloy
FINISH	63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	AOS
NEXT ASSY	D1300198

PART NAME				MOUNT ADAPTER, aLIGO TCS HWS ITM UPPER PERISCOPE	
DESIGNER	M. JACOBSON	12-APR-13	SIZE	DWG. NO. B D1300345	
DRAFTER	M. JACOBSON	17-APR-13	REV.	v2	
CHECKER	J. LEWIS	18-APR-13	SCALE	1:1	
APPROVAL	A. BROOKS	29-MAY-13	PROJECTION:	SHEET 1 OF 1	