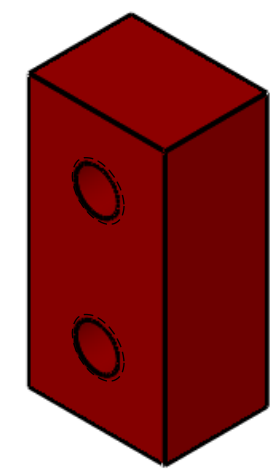
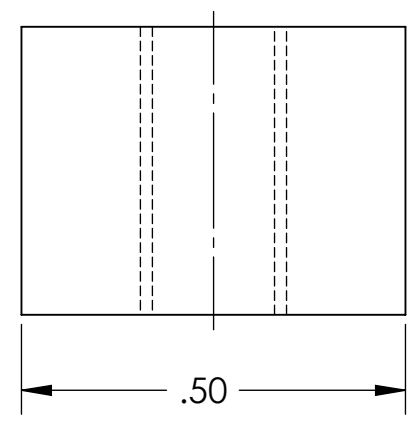


NOTES: UNLESS OTHERWISE SPECIFIED

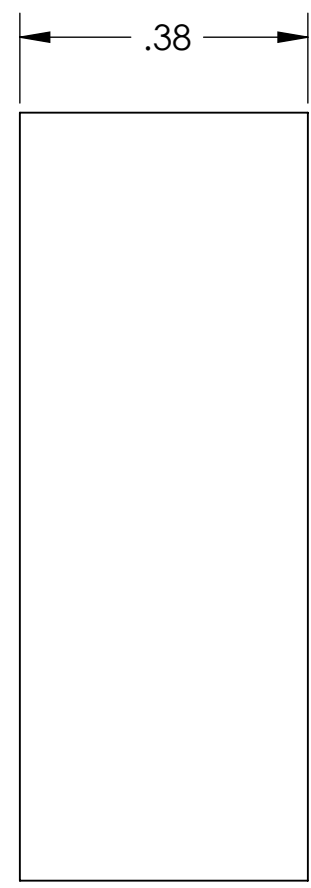
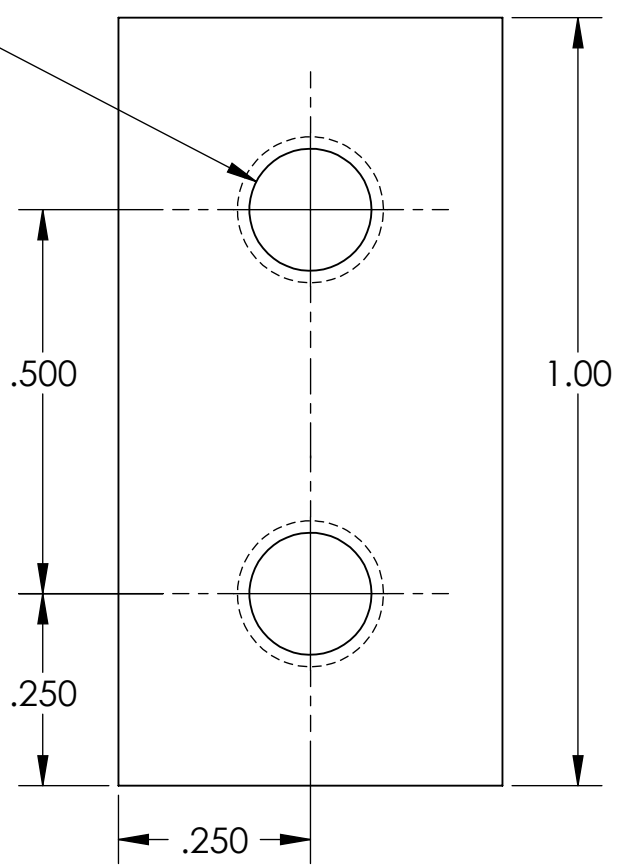
1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.
5. SCRIBE, ENGRAVE, LASER MARK 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. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364.
8. DELETED.
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	18 MAY 2011	E1000822-v1	-
v2	5 JUL 2011	-	-
v3	25 JUL 2011	-	-
v4	8 SEP 2011		



GENERAL VIEW FOR REFERENCE ONLY NO SCALE

2X 10-32 UNF THRU
+.005 OVERSIZE TAP



D1003059_alIGO_Mode_Cleaner_Tube_Clipping_Mnt_Clip, PART PDM REV: X-013, DRAWING PDM REV: X-026

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .02
.XXX ± .010
ANGULAR ± 0.5°

MATERIAL	304 SSSL	FINISH	63 μinch
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CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME		APERTURE CLIP	
	SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS
	NEXT ASSY	D1002864		

DESIGNER	TQ. NGUYEN	29 NOV 2010	SIZE	DWG. NO.	REV.
DRAFTER	TQ. NGUYEN	29 NOV 2010	B	D1003059	v4
CHECKER	M. SMITH		SCALE: 4:1	PROJECTION:	SHEET 1 OF 1
APPROVAL	D. COYNE				