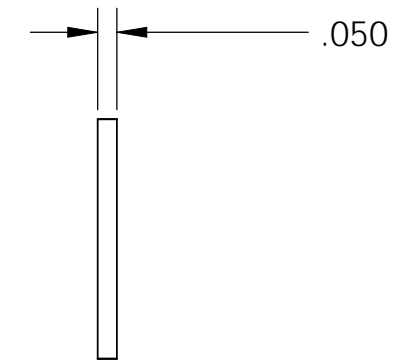
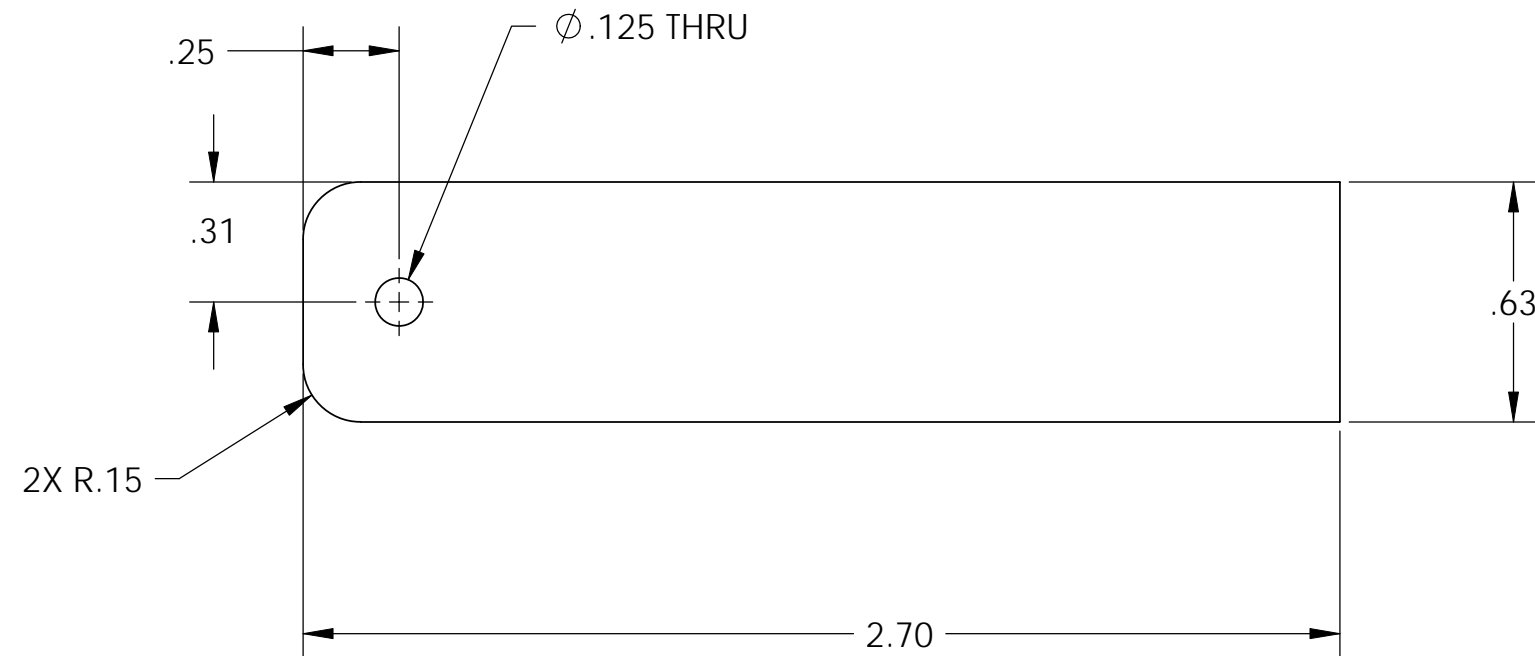


8 7 6 5 4 3 2 1

NOTES CONTINUED:

- 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE.
- 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 DXXXXXXX-VY, TYPE-XX, S/N XXX.
- 6. APPROXIMATE WEIGHT = 0.02 LB.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES (INCLUDING SANDING OR SCOURING FOR MATTE FINISH) IS NOT ALLOWED. USE OF SCOTCH-BRITE OR SIMILAR PRODUCTS IS FORBIDDEN.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL TO BE VIRGIN MATERIAL, NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE. THE MATERIAL USED MUST BE VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF AND WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH THE MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E09000364.

REV.	DATE	DCN #	DRAWING TREE #
v1	12 Sept. 2011	E1100839	E1100840



D1101795 aLIGO BSC, FLEXURE, TUNED MASS DAMPER, PART PDM REV: X-000, DRAWING PDM REV: X-000

D C B A

D C B A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME				
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994.		ADVANCED LIGO		SUB-SYSTEM		aLIGO BSC, FLEXURE, TUNED MASS DAMPER		REV.
TOLERANCES: .XX ± .015 .XXX ± .005		2. REMOVE ALL SHARP EDGES, .03 x 45°.		SEI		DESIGNER	D.CLARK	12 Sept. 2011	SIZE	DWG. NO.
ANGULAR ± .5°		3. DO NOT SCALE FROM DRAWING.		MATERIAL		DRAFTER	M.HILLARD	12 Sept. 2011	B	D1101795
				FINISH		CHECKER	F.MATICHARD	12 Sept. 2011		
				32 μinch		APPROVAL	K.MASON	12 Sept. 2011	SCALE: 2:1	PROJECTION:
				NEXT ASSY		D1101793		SHEET 1 OF 1		

8 7 6 5 4 3 2 1