

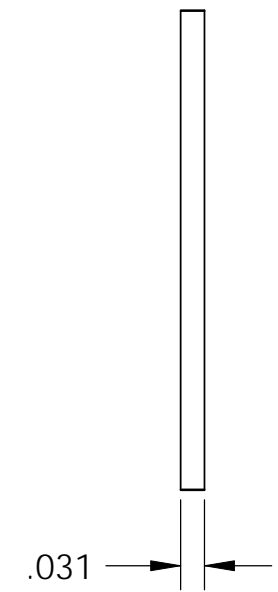
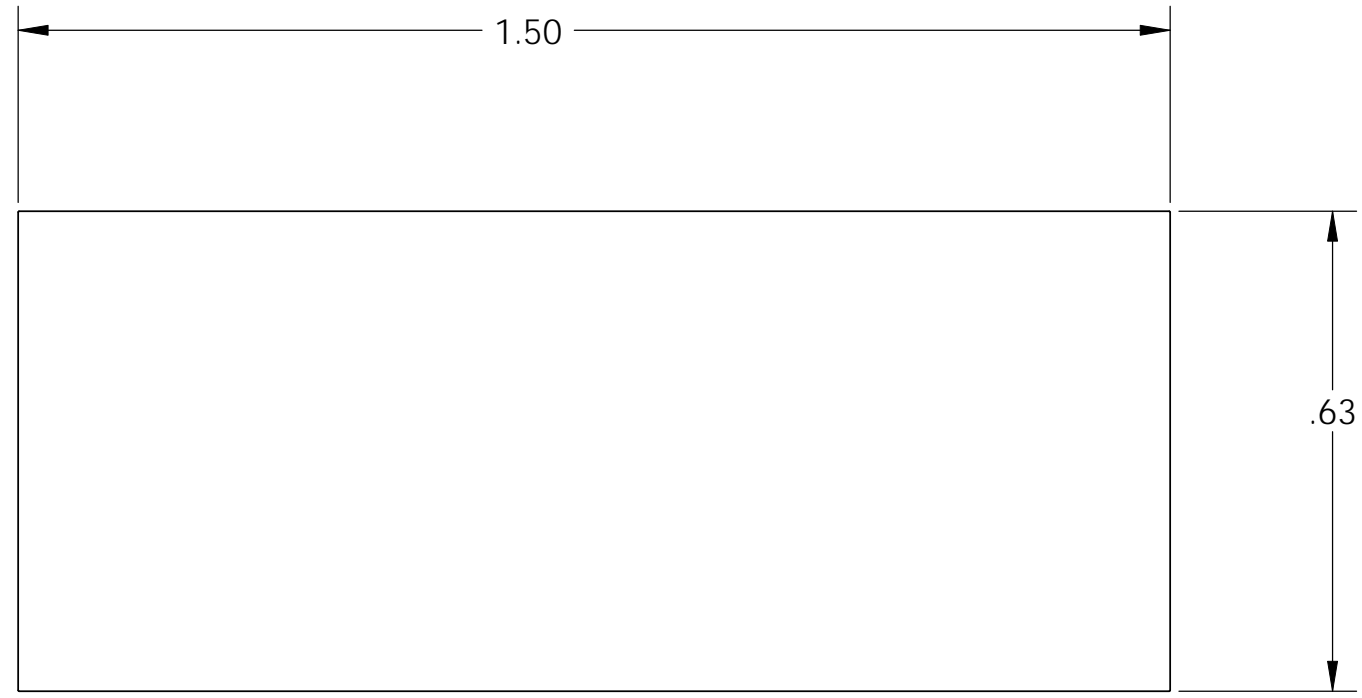
8 7 6 5 4 3 2 1

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 DXXXXXXXX-VY, TYPE-XX, S/N XXX.
- 6. APPROXIMATE WEIGHT = 0.01 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	5 Oct. 2010	E1000526	-

D1002591 BACKER PLATE, TUNED MASS DAMPER, PART PDM REV: X-001, DRAWING PDM REV: X-002



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.				BACKER PLATE, TUNED MASS DAMPER																		
TOLERANCES: .XX ± .015 .XXX ± .005		2. REMOVE ALL SHARP EDGES, .03 x 45°.				<table border="1"> <tr> <td>DESIGNER</td> <td>D.CLARK</td> <td>05 Oct. 2010</td> <td>SIZE</td> <td>DWG. NO.</td> </tr> <tr> <td>DRAFTER</td> <td>M.HILLARD</td> <td>5 Oct. 2010</td> <td>B</td> <td>D1002591</td> </tr> <tr> <td>CHECKER</td> <td>F.MATICHARD</td> <td>5 Oct. 2010</td> <td>SCALE: 4:1</td> <td>PROJECTION:</td> </tr> <tr> <td>APPROVAL</td> <td>K.MASON</td> <td>5 Oct. 2010</td> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>	DESIGNER	D.CLARK	05 Oct. 2010	SIZE	DWG. NO.	DRAFTER	M.HILLARD	5 Oct. 2010	B	D1002591	CHECKER	F.MATICHARD	5 Oct. 2010	SCALE: 4:1	PROJECTION:	APPROVAL	K.MASON	5 Oct. 2010
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ANGULAR ± .5°		3. DO NOT SCALE FROM DRAWING.		<table border="1"> <tr> <td>SYSTEM</td> <td>ADVANCED LIGO</td> <td>SUB-SYSTEM</td> <td>SEI</td> </tr> <tr> <td>NEXT ASSY</td> <td colspan="3">D0900703</td> </tr> </table>	SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SEI	NEXT ASSY	D0900703			REV.	v1										
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