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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

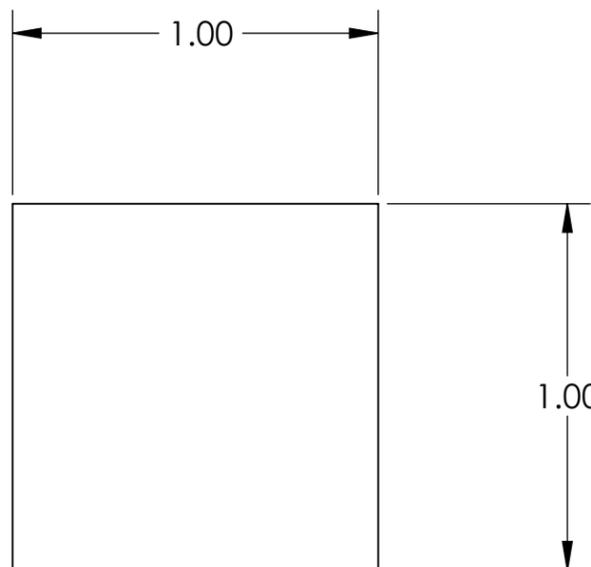
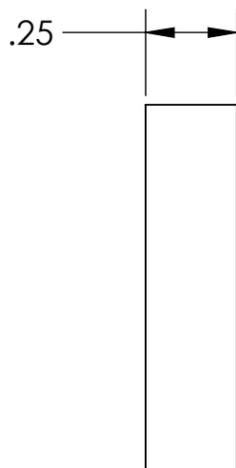
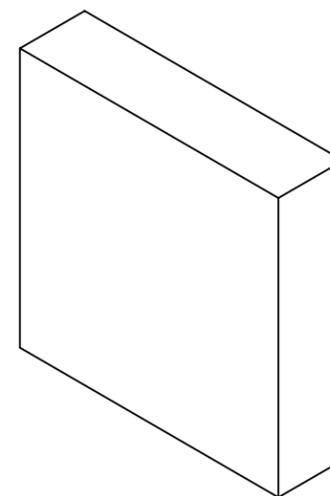
6. APPROVED MATERIAL MANUFACTURER: MANVILLE RUBBER
MATERIAL NAME: FLUOREL
LIGO SPEC: LIGO-E970130
LIGO CERT: LIGO-C1102189

7. CLEAN IN FULL SHEETS PER LIGO-E960022

8. SHEETS ARE THEN CUT TO FINAL SIZE, WALKERIZED AND BAKED.

9. NO CUTTING POST BAKE WITHOUT WAVER.

REV.	DATE	DCN #	DRAWING TREE #
V1	28 AUG 2012	E1200792	-
-	-	-	-
-	-	-	-



D1003144 BALLAST MASS DAMP PAD, αLIGO BSC-ISI, PART PDM REV: X-000, DRAWING PDM REV:

D

C

B

A

D

C

B

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 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.

MATERIAL FLUOROELASTOMER FINISH N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO SUB-SYSTEM SEI
NEXT ASSY D10003143

PART NAME BALLAST MASS DAMP PAD, αLIGO BSC-ISI

DESIGNER	M.HILLARD	30 Nov. 2010	SIZE	DWG. NO.	REV.
DRAFTER	SBARNUM	18 AUG 2012	B	D1003144	v1
CHECKER	FMATCHARD	20 AUG 2012	SCALE:	2:1	PROJECTION:
APPROVAL	FMATCHARD	20 AUG 2012	SHEET 1 OF 1		

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