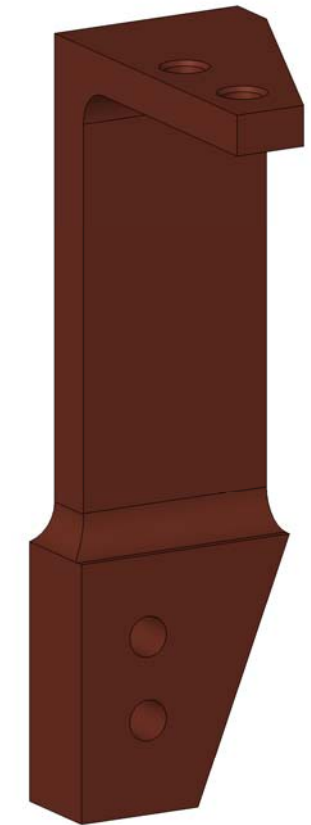
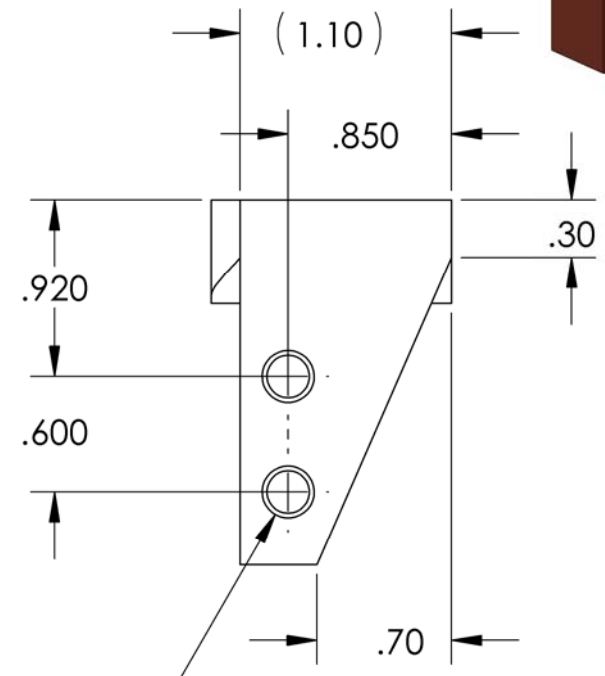
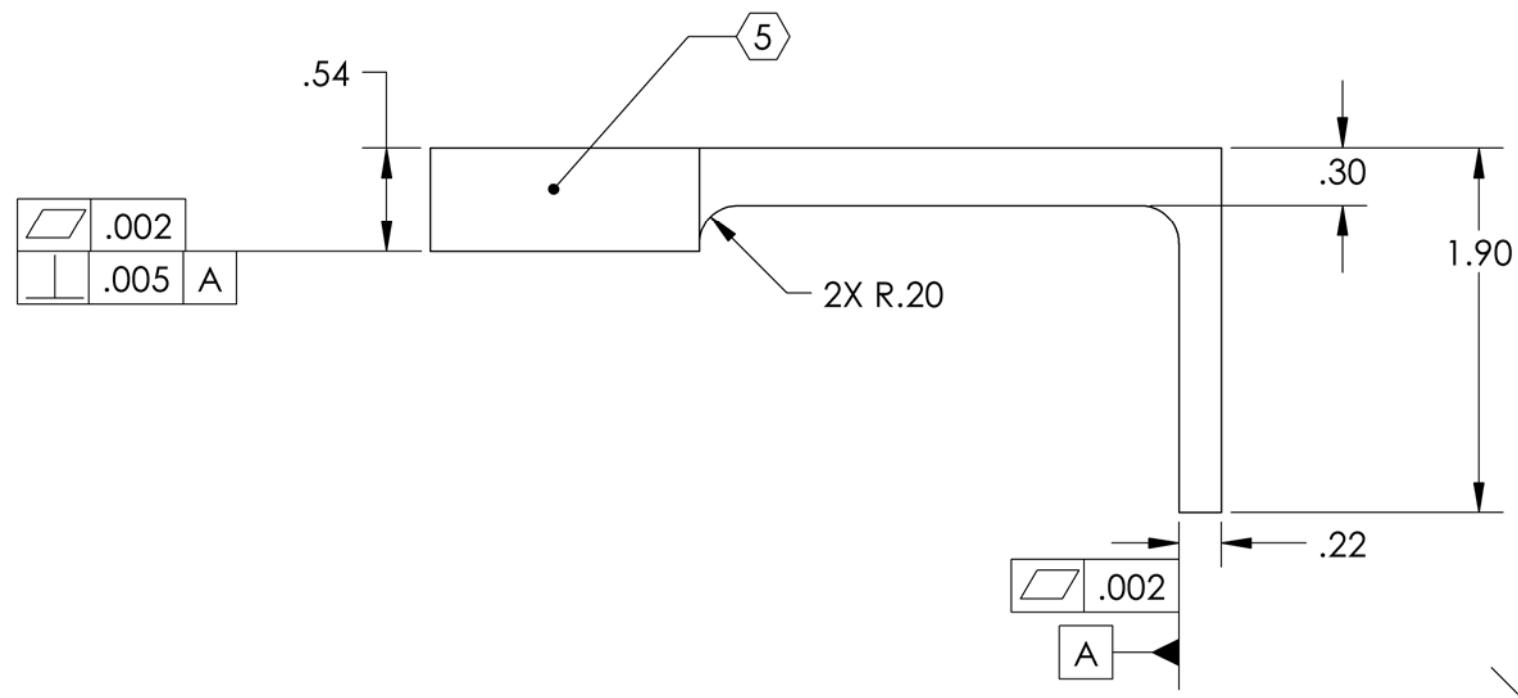
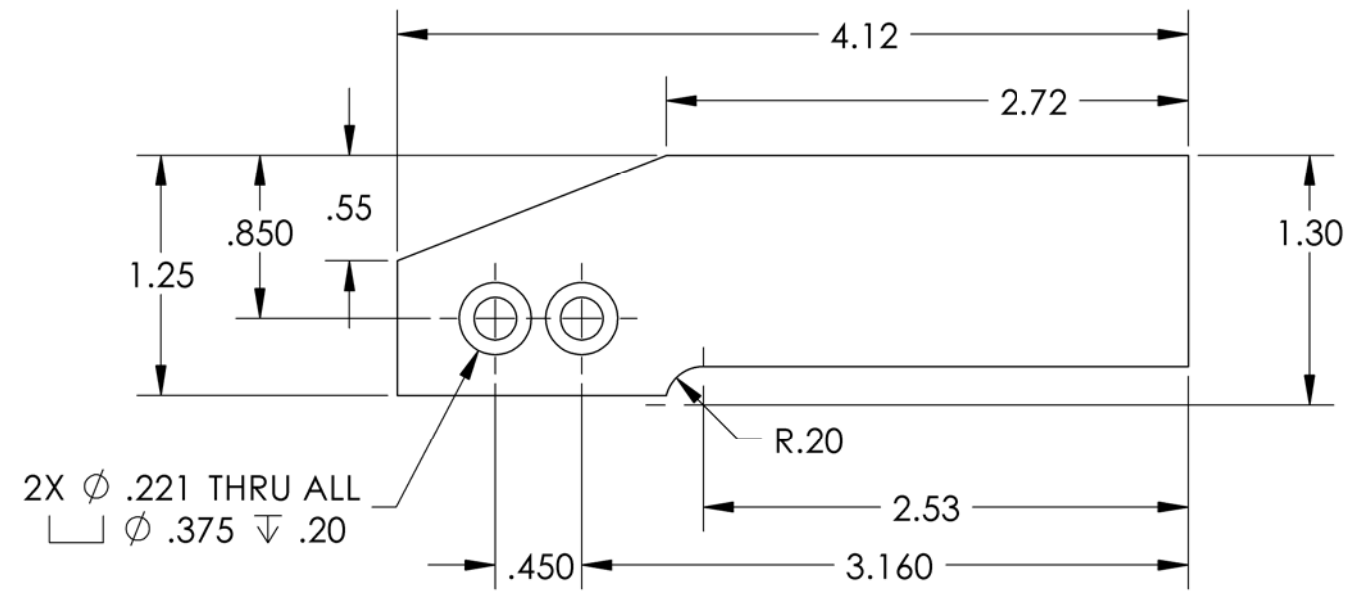


D1000176_THERMAL BAR, RIGHT, LARGE ACTUATOR, aLIGO BSC ISI, PART PDM REV: X-002, DRAWING PDM REV: X-003

REV.	DATE	DCN #	DRAWING TREE #
v1	22 Feb. 2010	E1000049	E1000025

NOTES CONTINUED:
 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: DXXXXXX-VY, TYPE-XX, S/N XXX
 6. APPROXIMATE WEIGHT = 0.59 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.



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. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM		SUB-SYSTEM		THERMAL BAR, RIGHT, LARGE ACTUATOR, aLIGO BSC ISI					
TOLERANCES: .XX ± .015 .XXX ± .005		MATERIAL		ADVANCED LIGO		SEI		DESIGNER	A.STEIN	22 Feb. 2010	SIZE	DWG. NO.	REV.
ANGULAR ± .5°		COPPER		D0901102, D0901103		NEXT ASSY		DRAFTER	M.HILLARD	22 Feb. 2010	B	D1000176	v1
		FINISH						CHECKER	F.MATICHARD	22 Feb. 2010	SCALE: 1:1	PROJECTION:	SHEET 1 OF 1
		63 μinch						APPROVAL	K.MASON	22 Feb. 2010			