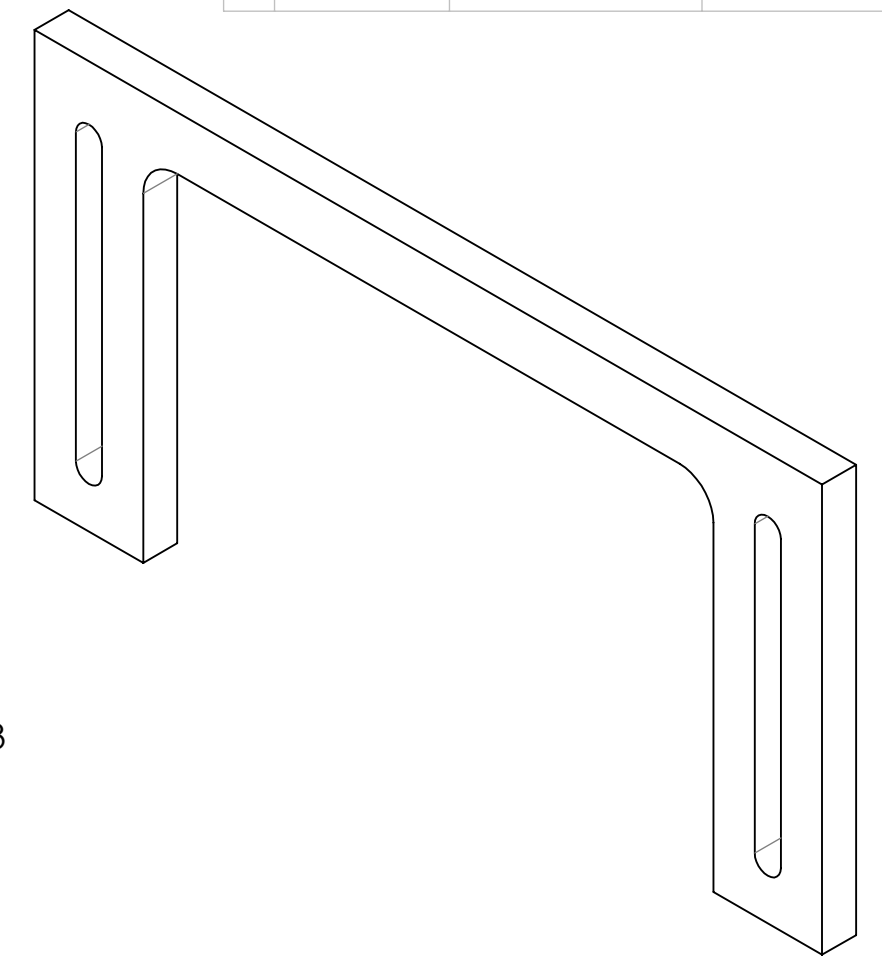
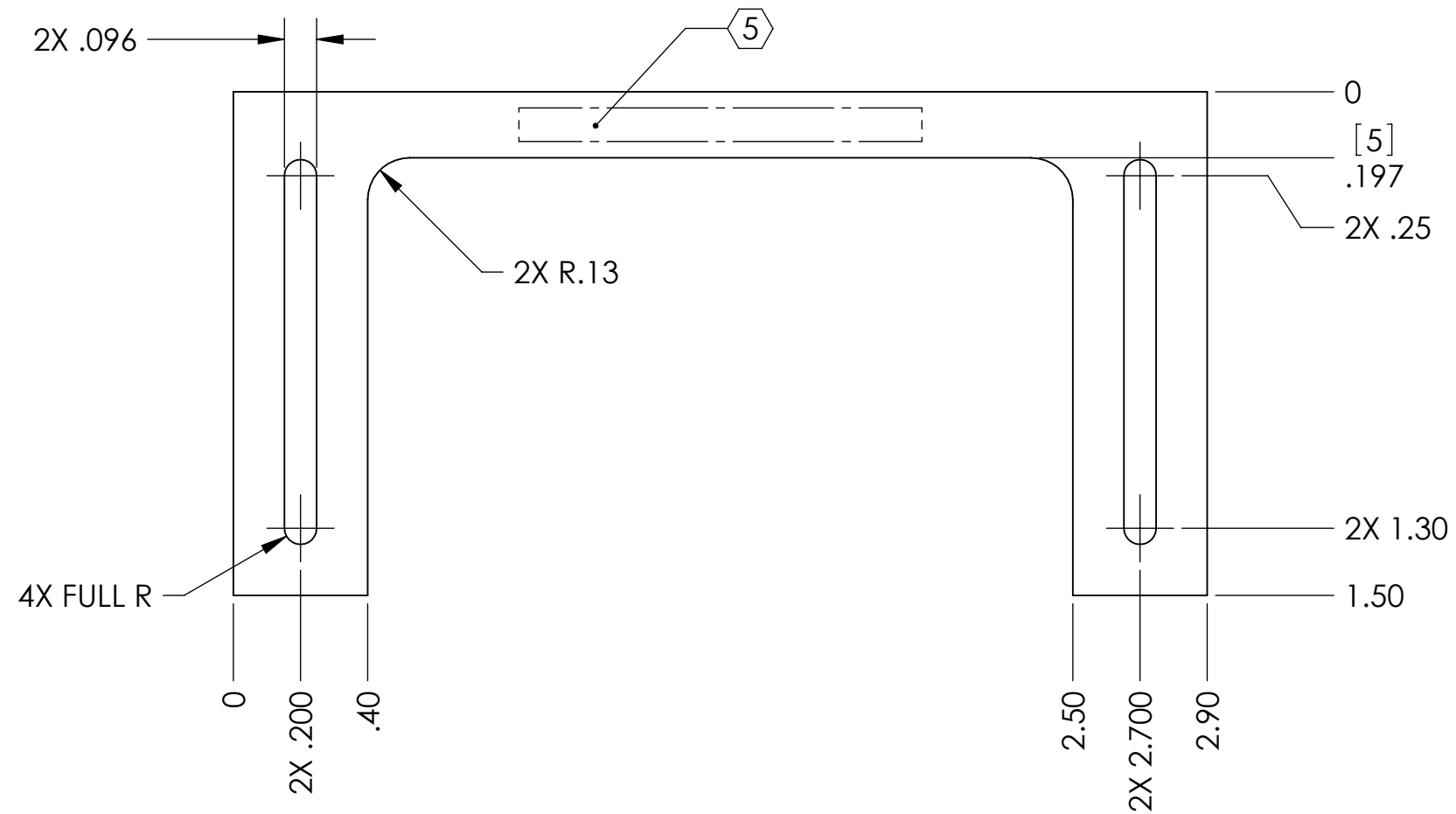


D0902721\_Advanced\_LIGO\_SUS\_HAM\_Triple\_Suspension\_Sapphire\_Prism\_Holder\_Guide, PART PDM REV: V1-000, DRAWING PDM REV: V1-001

**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-VV TYPE-XX S/N XXX  
 6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.  
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	22 OCT 2009	E0900369	-
v2	02 SEP 2011	E1100826	-
-	-	-	-



<b>NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)</b> 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.		<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME <b>SAPPHIRE PRISM HOLDER GUIDE</b>	
DIMENSIONS ARE IN INCHES [MM] TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 0.5°		MATERIAL 6061-T6 Al		FINISH 63 μinch	
SYSTEM ADVANCED LIGO		SUB-SYSTEM SUS		DESIGNER D. BRIDGES	
NEXT ASSY SAPPHIRE PRISM BONDING FIXTURE		DATE 21 NOV 2009		SIZE DWG. NO. B D0902721	
DRAFTER D. BRIDGES		DATE 02 SEP 2011		REV. v2	
CHECKER B. MOORE		DATE 06 SEP 2011		SCALE: 2:1 PROJECTION:	
APPROVAL		SHEET 1 OF 1		SHEET 1 OF 1	