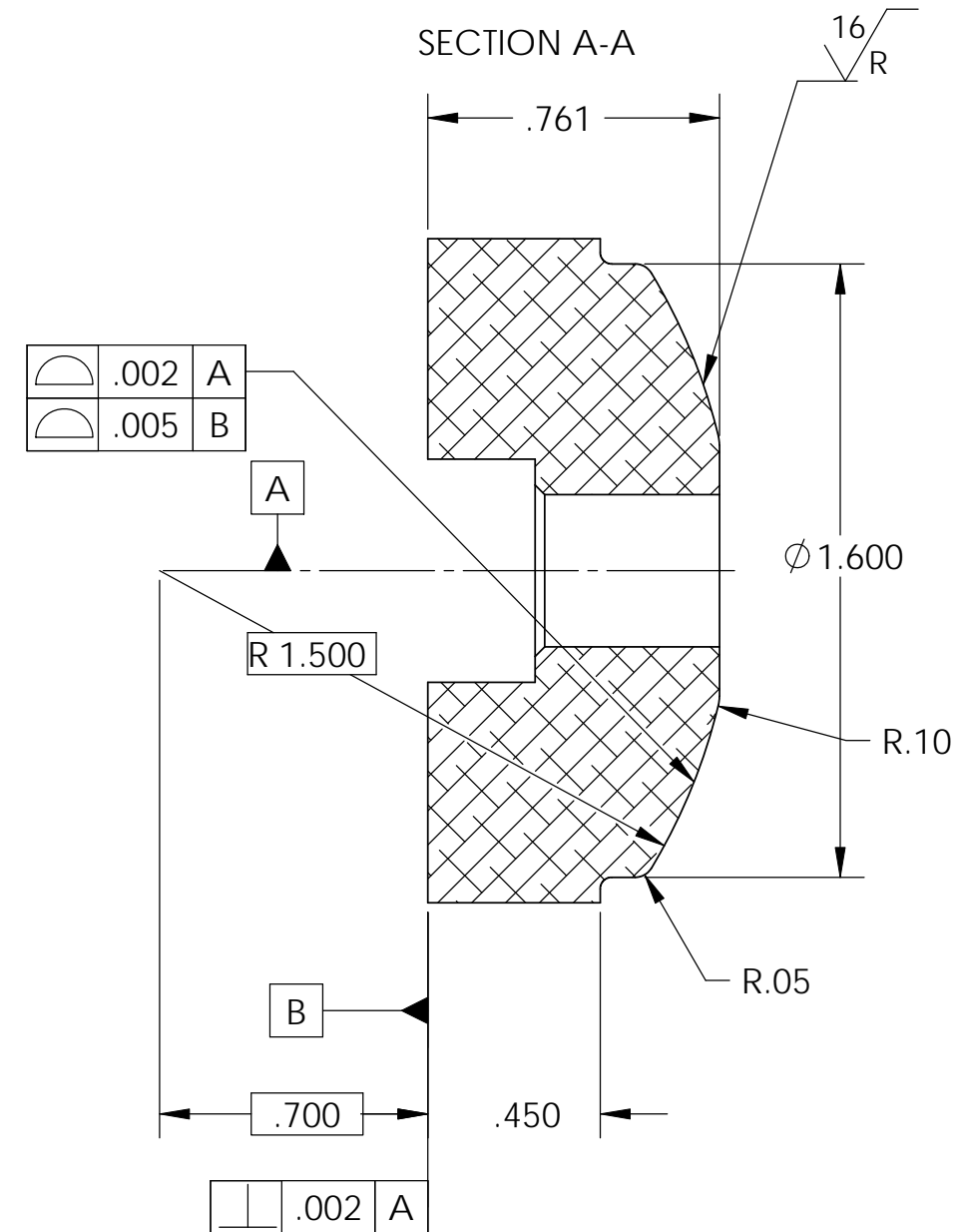
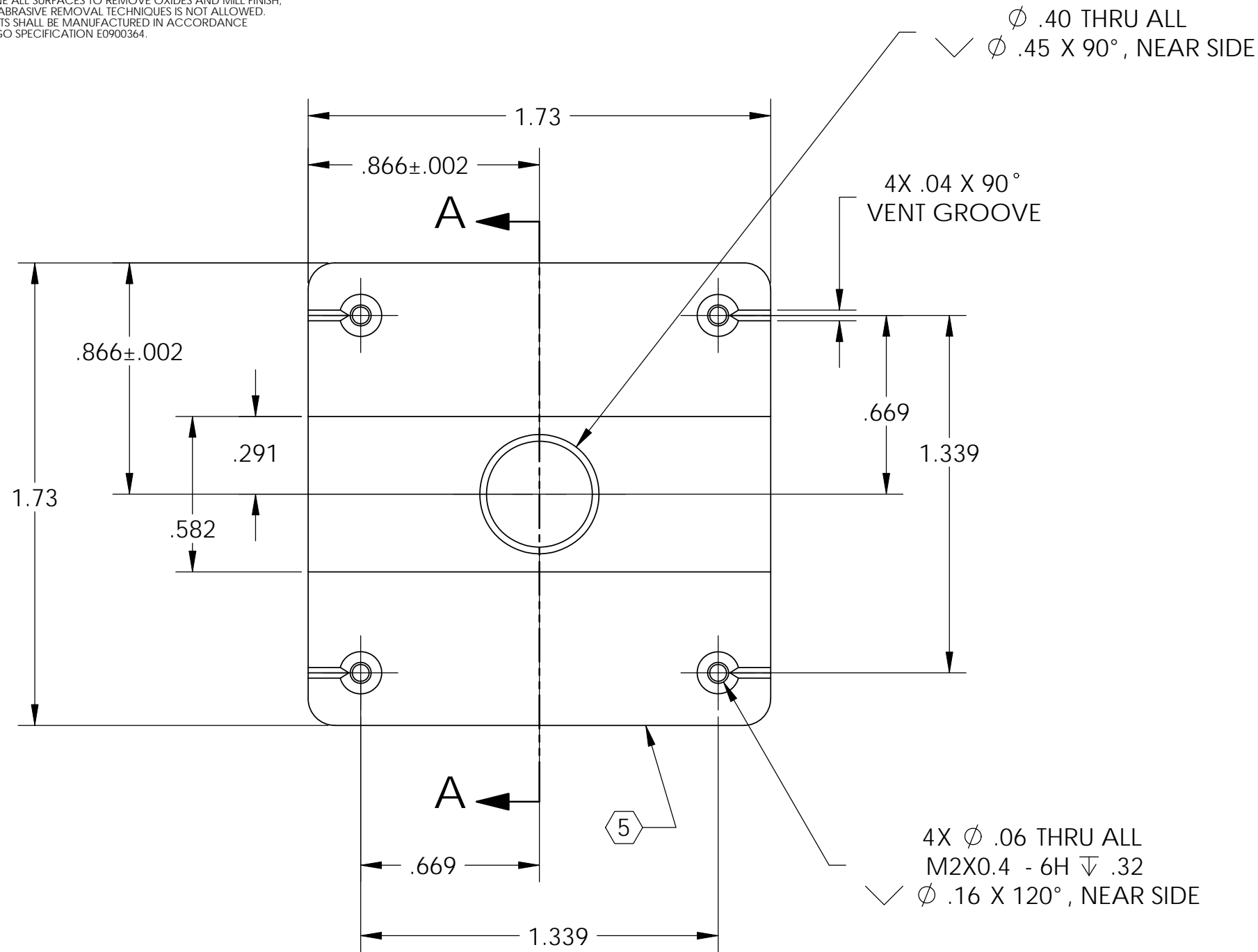


D1000469 POSITION SENSOR BASE, aLIGO BSC ISI, PART PDM REV: X-004, DRAWING PDM REV: X-003

REV.	DATE	DCN #	DRAWING TREE #
v1	01 Mar. 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 = 0.14 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				ADVANCED LIGO		POSITION SENSOR BASE, aLIGO BSC ISI					
TOLERANCES: .XX ± .015 .XXX ± .005				SUB-SYSTEM SEI		DESIGNER	S.BARNUM	01 Mar. 2010	SIZE	DWG. NO.	REV.
ANGULAR ± .5°				MATERIAL 6061-T6 Al		DRAFTER	M.HILLARD	01 Mar. 2010	B	D1000469	v1
FINISH 32 μinch				NEXT ASSY D1000467		CHECKER	F.MATICHARD	01 Mar. 2010	SCALE: 2:1	PROJECTION:	SHEET 1 OF 1
1. INTERPRET DRAWING PER ASME Y14.5-1994.						APPROVAL	K.MASON	01 Mar. 2010			
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.											