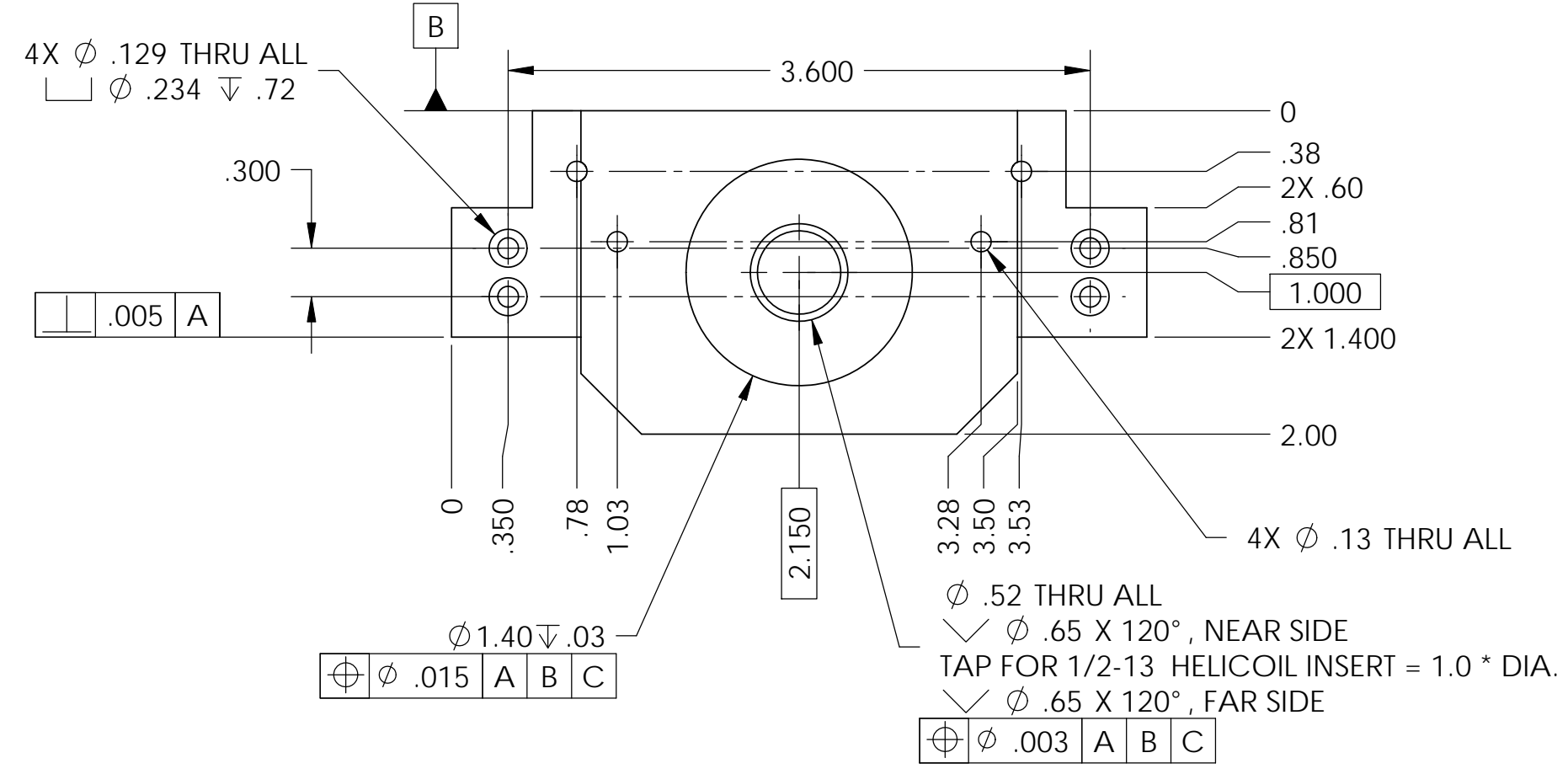
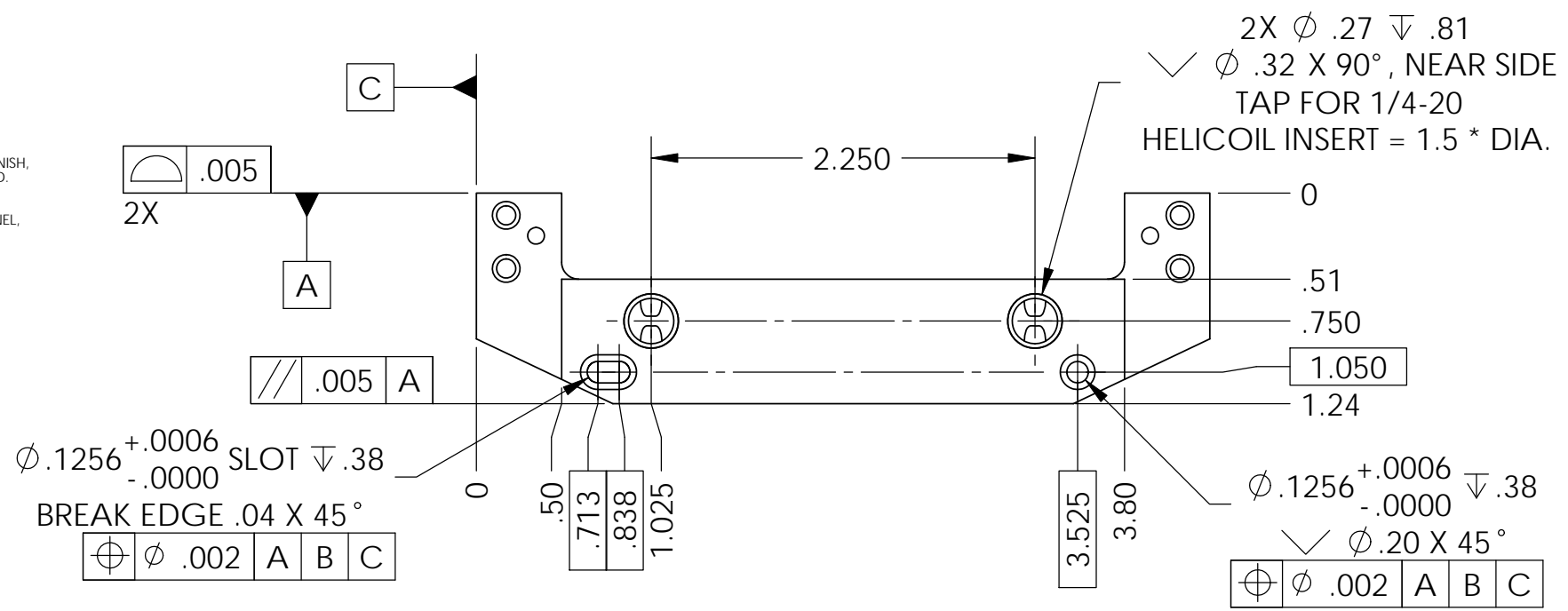


D0902155 Small Actuator Bobbin Coil Bracket, PART PDM REV: X-023, DRAWING PDM REV: X-005

- 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 = 0.45 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.
 9. ALL THREADED INSERTS TO BE INSTALLED BY LIGO PERSONNEL. AFTER DELIVERY OF FINISHED PARTS, USE NITRONIC 60 THREADED INSERTS.
 10. A TRUE POSITION TOLERANCE OF $\phi .010$ IS - THE SAME AS A CONVENTIONAL TOLERANCE OF $\pm .005$.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 Mar. 2010	E1000049	E1000025



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX $\pm .015$
 .XXX $\pm .005$

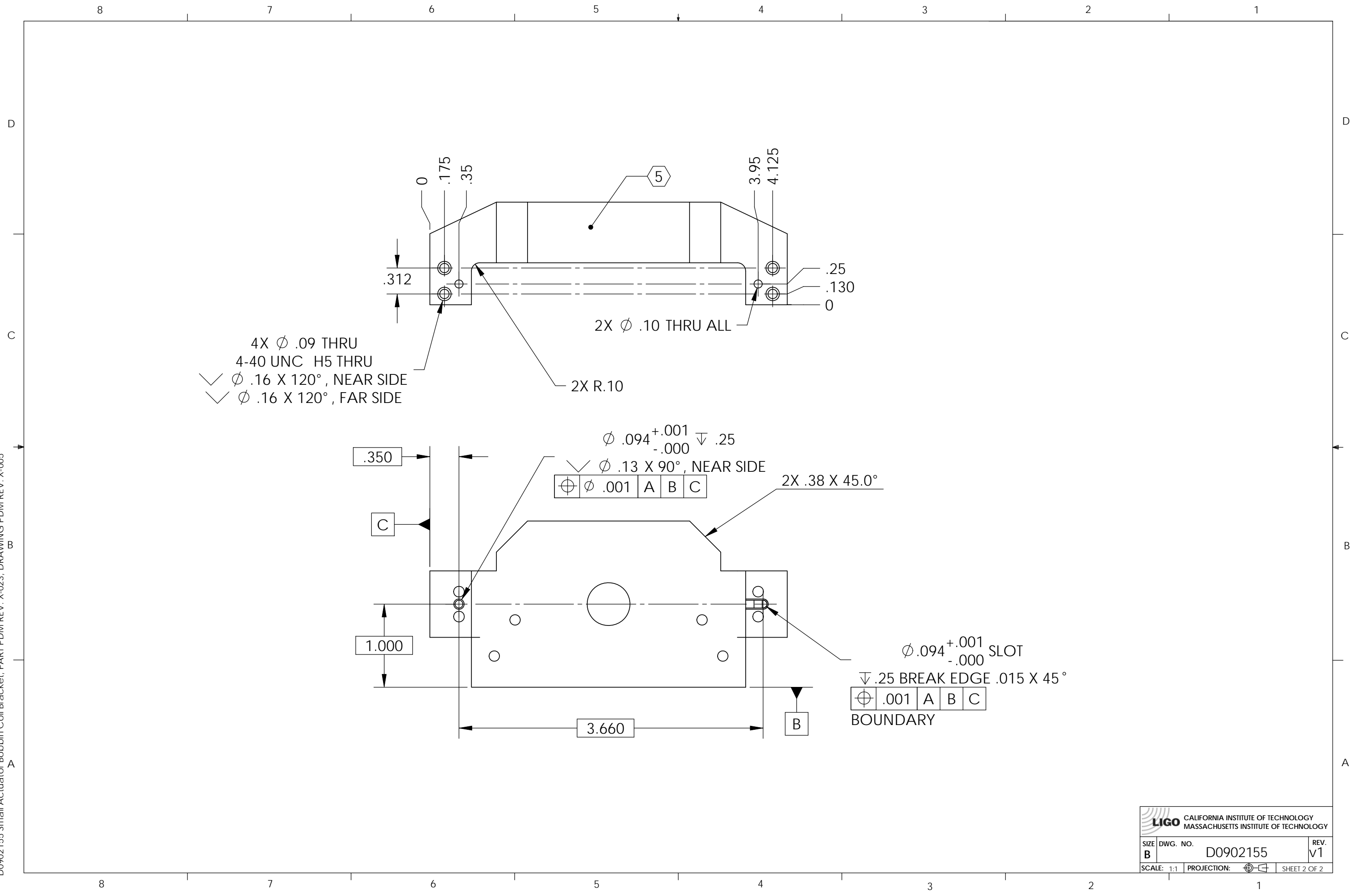
ANGULAR $\pm .5^\circ$

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. BREAK ALL EDGES AND CORNERS .03 X 45°.
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	6061-T6 Al	FINISH	63 μ inch
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CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		SMALL ACTUATOR BOBBIN COIL BRACKET, aLIGO BSC ISI	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SEI	DESIGNER	S.BARNUM 19 Mar. 2010
NEXT ASSY	D0902531, D0902530	DRAFTER	M.HILLARD 19 Mar. 2010	SIZE	DWG. NO.
CHECKER	F.MATICHARD 19 Mar. 2010	B		D0902155	
APPROVAL	K.MASON 19 Mar. 2010	SCALE:	1:1	PROJECTION:	
				REV.	v1
				SHEET 1 OF 2	

D0902155 Small Actuator Bobbin Coil Bracket, PART PDM REV: X-023, DRAWING PDM REV: X-005



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D0902155	V1
SCALE: 1:1	PROJECTION:	SHEET 2 OF 2