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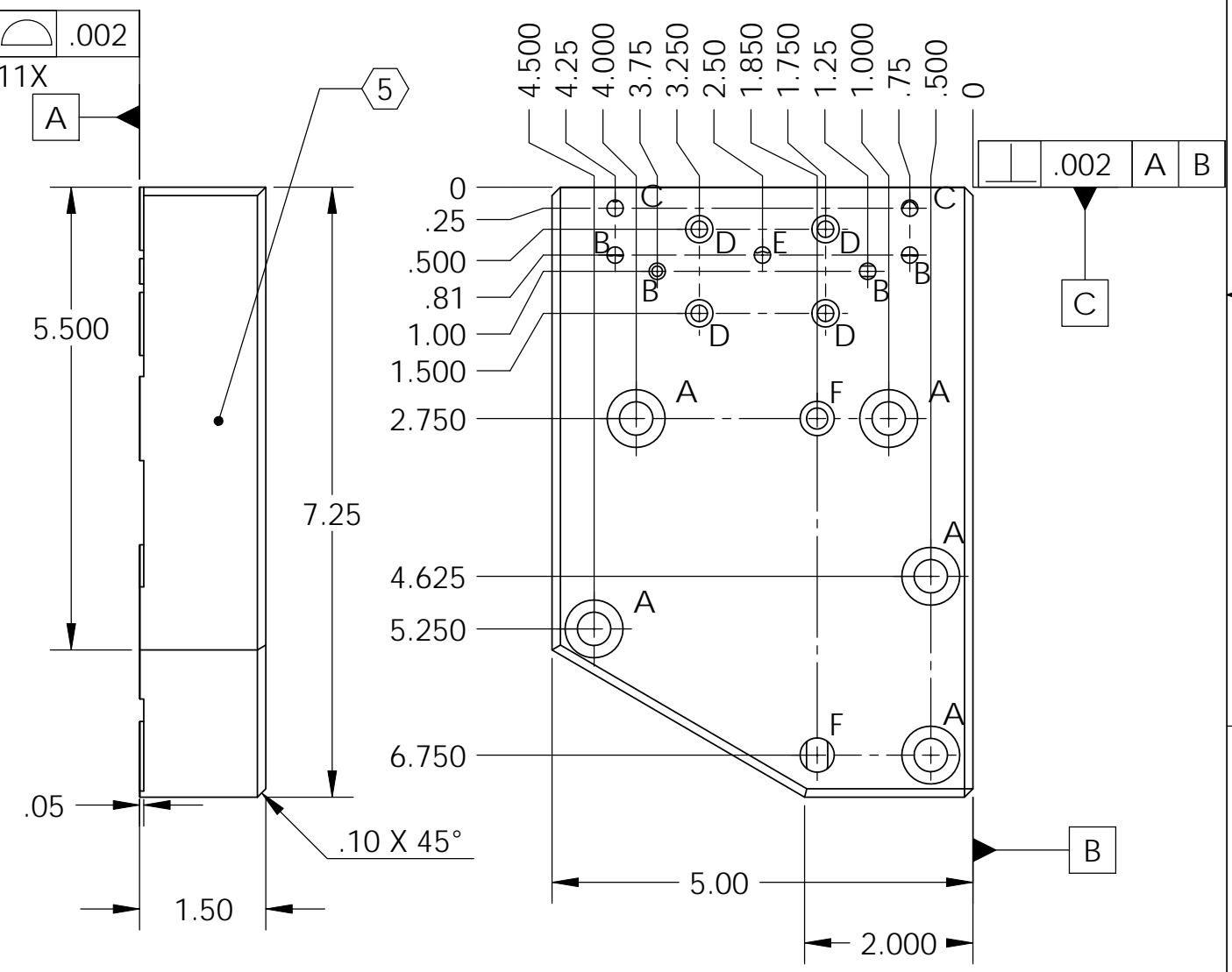
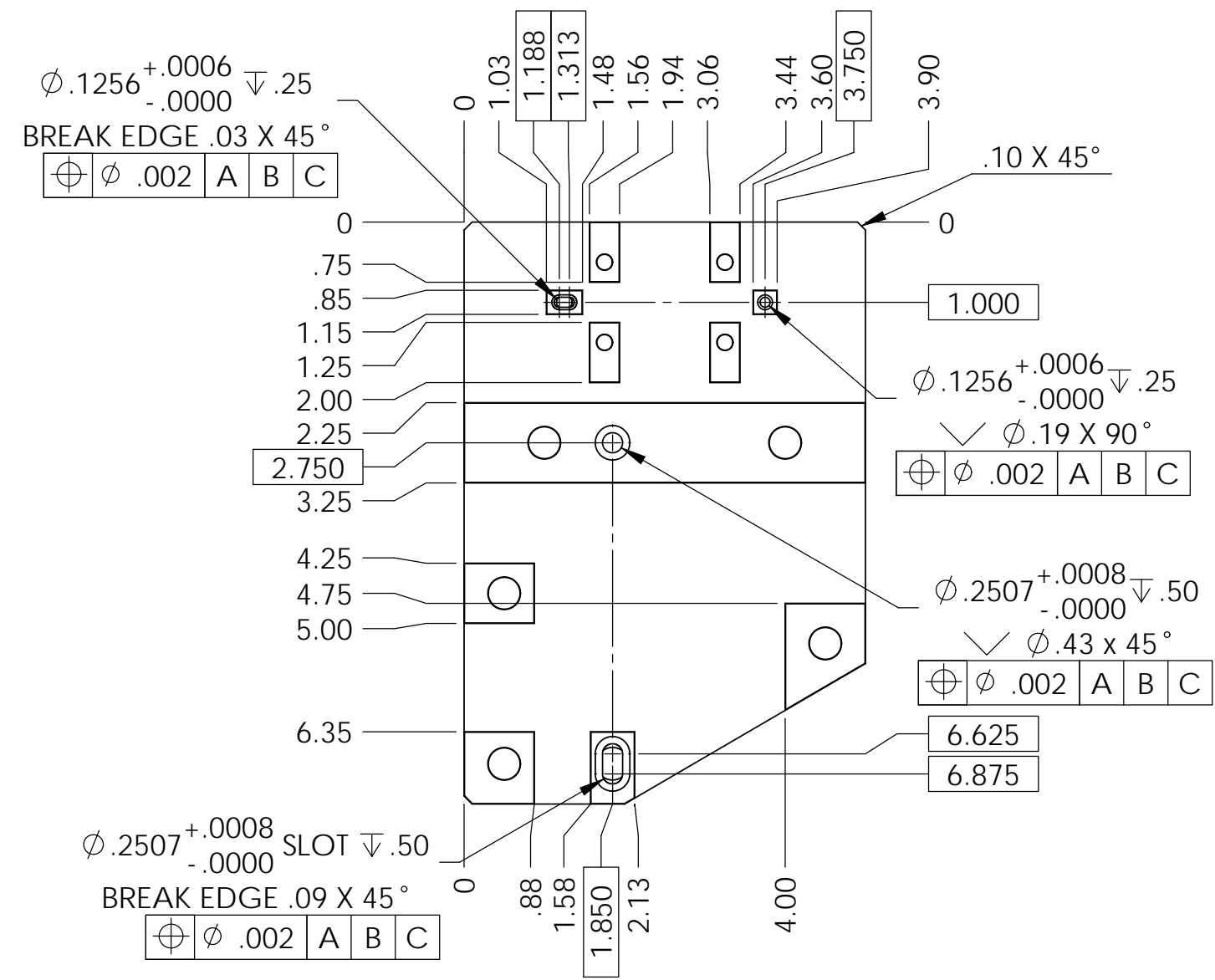
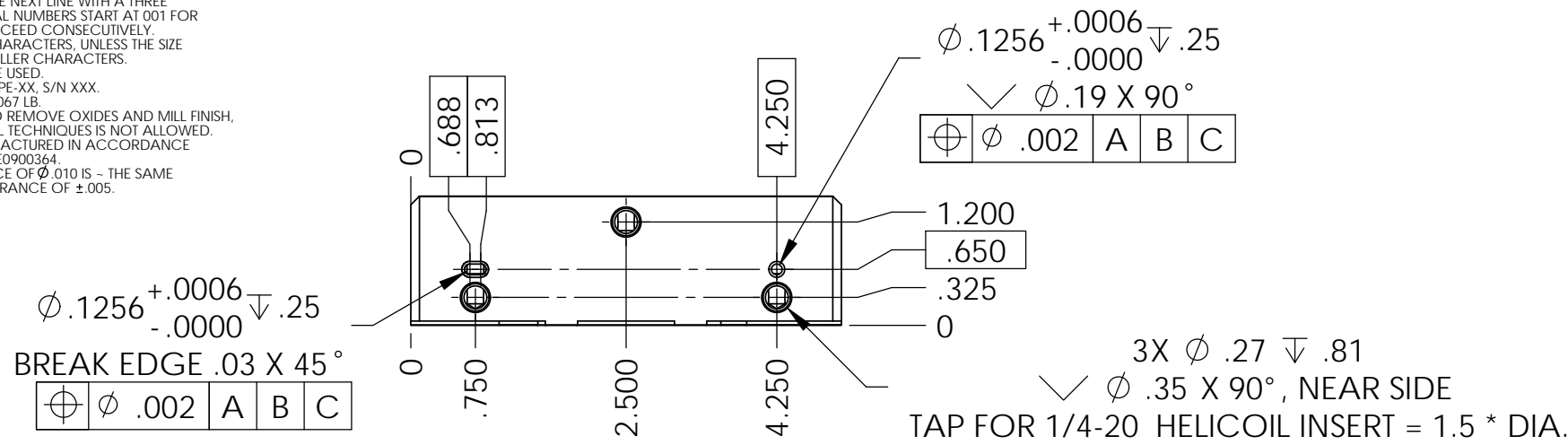
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NOTES CONTINUED:

- 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 = 2.067 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 E090364.
- 9. 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

TAG	SIZE	QUANTITY
A	$\phi .397$ THRU ALL $\phi .688 \downarrow .38$	5
B	$\phi .194 \downarrow 1.25$	4
C	$\phi .194 \downarrow .90$	2
D	$\phi .194$ THRU ALL $\phi .325 \downarrow .23$	4
E	$\phi .194 \downarrow .40$	1
F	$\phi .406 \downarrow 1.00$	2



D0902161 Small Vertical Actuator Magnet Mount, PART PDM REV: X-020, DRAWING PDM REV: X-005

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	1. INTERPRET DRAWING PER ASME Y14.5-1994.
TOLERANCES: .XX $\pm .015$.XXX $\pm .005$	2. BREAK ALL EDGES AND CORNERS .03 X 45°.
ANGULAR $\pm .5^\circ$	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

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM	ADVANCED LIGO	SMALL VERTICAL ACTUATOR MAGNET MOUNT, aLIGO BSC ISI	
SUB-SYSTEM	SEI	DESIGNER	S.BARNUM 19 Mar. 2010
NEXT ASSY	D0902531	DRAFTER	M.HILLARD 19 Mar. 2010
		CHECKER	F.MATICHARD 19 Mar. 2010
		APPROVAL	K.MASON 19 Mar. 2010
		SIZE	DWG. NO. B D0902161
		SCALE	1:2
		PROJECTION	AS SHOWN
		REV.	v1
		SHEET 1 OF 1	

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