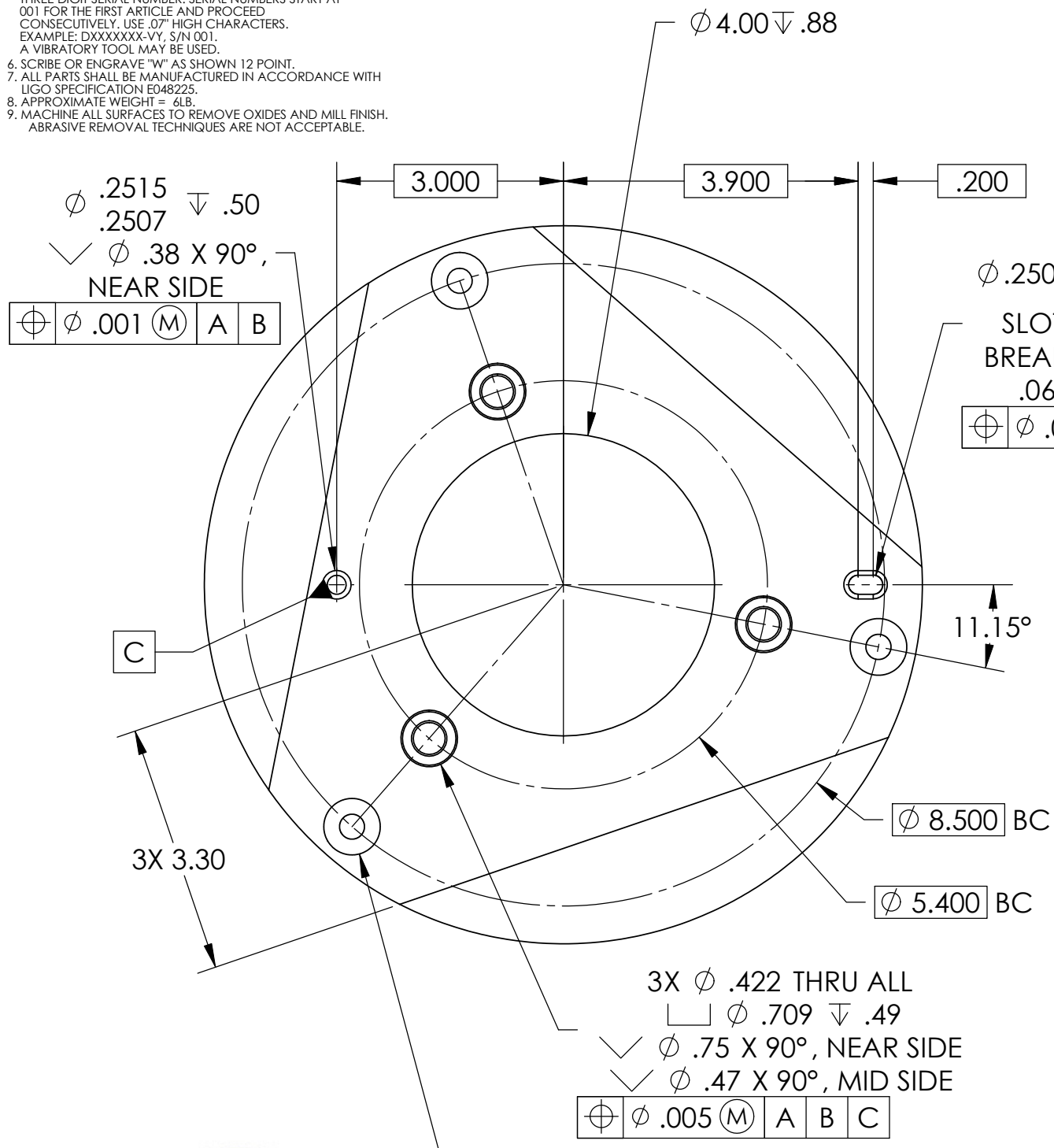


REV.	DATE	DCN #	DRAWING TREE #
v1	26 Jan. 2010	E0900443	T0900600

**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.  
 6. SCRIBE OR ENGRAVE "W" AS SHOWN 12 POINT.  
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E048225.  
 8. APPROXIMATE WEIGHT = 6LB.  
 9. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. ABRASIVE REMOVAL TECHNIQUES ARE NOT ACCEPTABLE.

D  
C  
B  
A

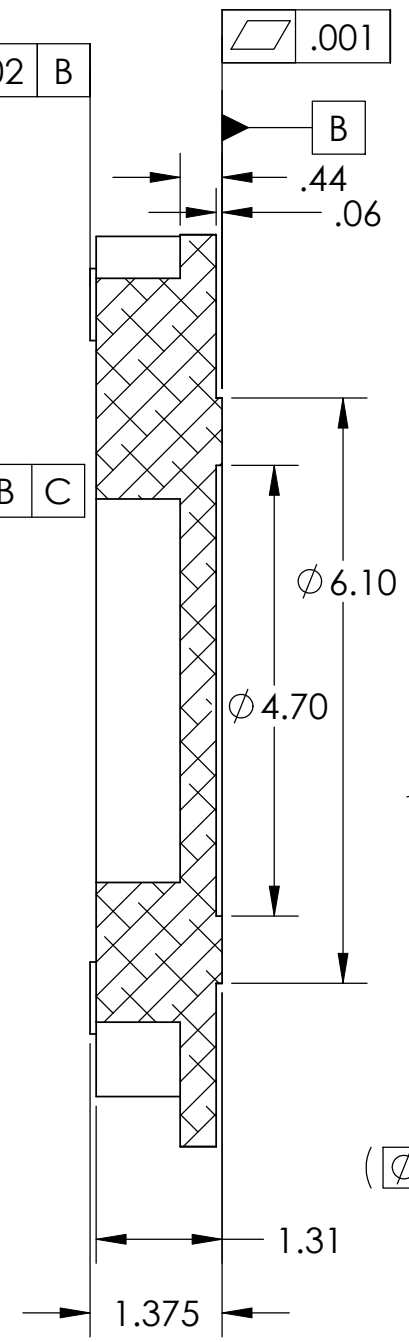


$\phi$  .2515  $\pm$  .001 M A B  
 $\phi$  .2507  $\pm$  .001 M A B  
 $\checkmark$   $\phi$  .38 X 90°, NEAR SIDE  
 $\checkmark$   $\phi$  .75 X 90°, NEAR SIDE  
 $\checkmark$   $\phi$  .47 X 90°, MID SIDE

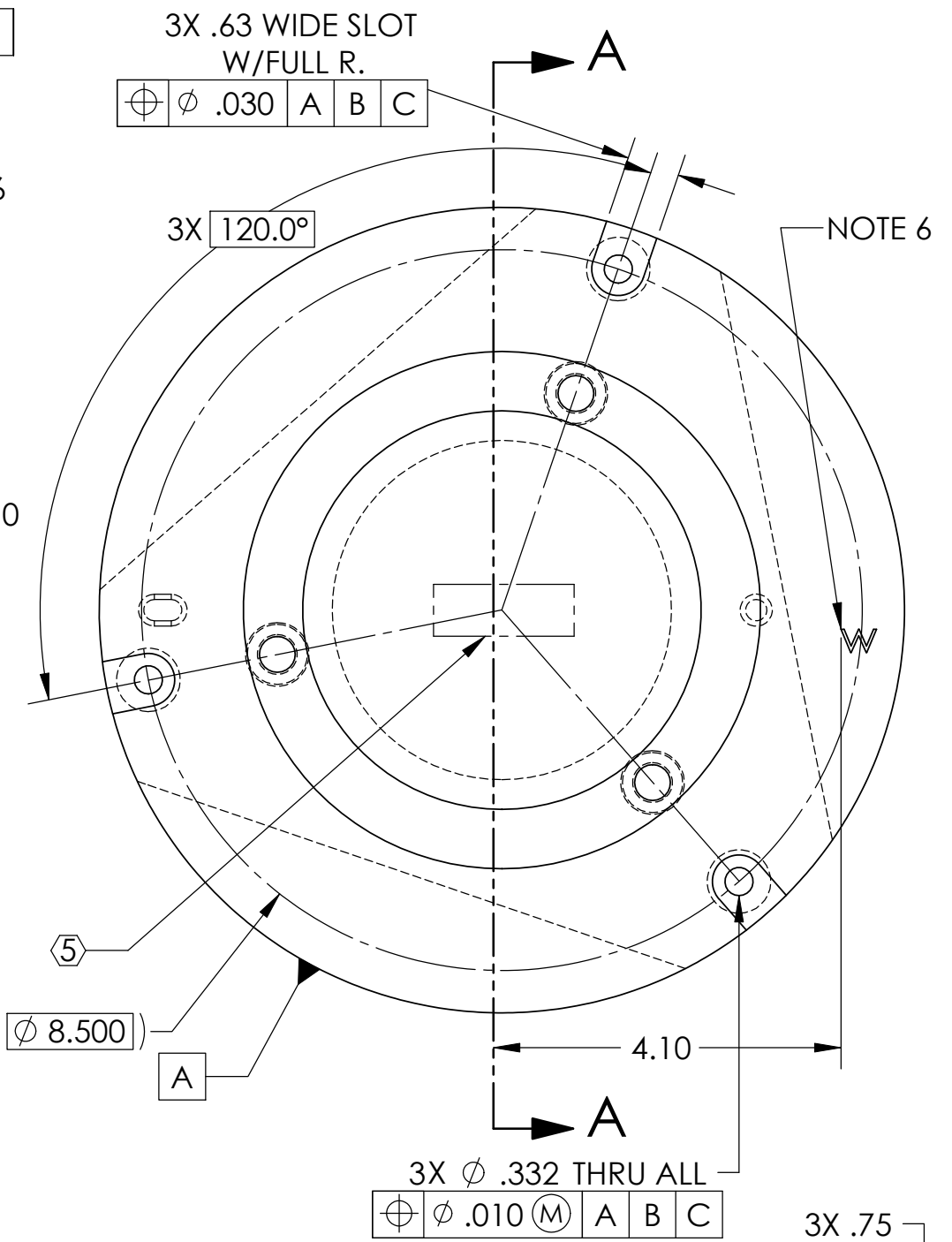
3X  $\parallel$  .002 B  
 $\phi$  .2507  $\pm$  .0008  $\pm$  .0000  
 SLOT  $\pm$  .50  
 BREAK EDGE  
 .06X45°  
 $\phi$  .001 M A B C

3X  $\phi$  .422 THRU ALL  
 $\phi$  .709  $\pm$  .005 M  
 $\checkmark$   $\phi$  .75 X 90°, NEAR SIDE  
 $\checkmark$   $\phi$  .47 X 90°, MID SIDE  
 $\phi$  .005 M A B C

$\phi$  .75 RAISED PADS  
 .75 X .75  
 SQUARE PADS ACCEPTABLE

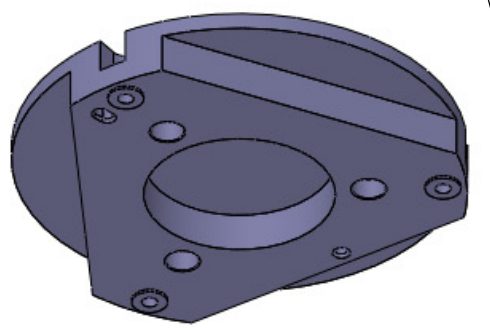


SECTION A-A



3X .63 WIDE SLOT  
 W/FULL R.  
 $\phi$  .030 A B C

3X  $\phi$  .332 THRU ALL  
 $\phi$  .709  $\pm$  .010 M A B C



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		Trillium Pod Interposer	
TOLERANCES: .XX $\pm$ .015 .XXX $\pm$ .005				SUB-SYSTEM SEI		DESIGNER S.BARNUM 2 Dec. 2009	SIZE DWG. NO. B D0900651
ANGULAR $\pm$ 0.1°				NEXT ASSY D0900648		DRAFTER M.HILLARD 26 Jan. 2010	REV. v1
MATERIAL 6061-T6 Al				FINISH 63 $\mu$ inch		CHECKER F.MATICHARD 26 Jan. 2010	SCALE: 1:2
						APPROVAL K.MASON 26 Jan. 2010	PROJECTION:  SHEET 1 OF 1

D0900651\_Tritium-Pod Interposer, PART PDM REV: X-018, DRAWING PDM REV: X-008

8 7 6 5 4 3 2 1