

NOTES CONTINUED:

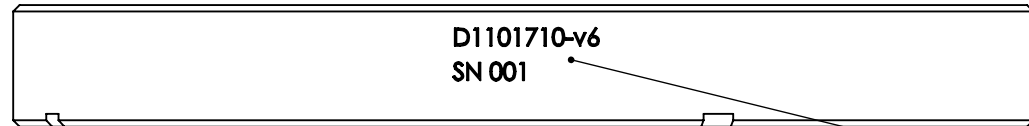
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

6. APPROXIMATE WEIGHT = X.XXX LB.

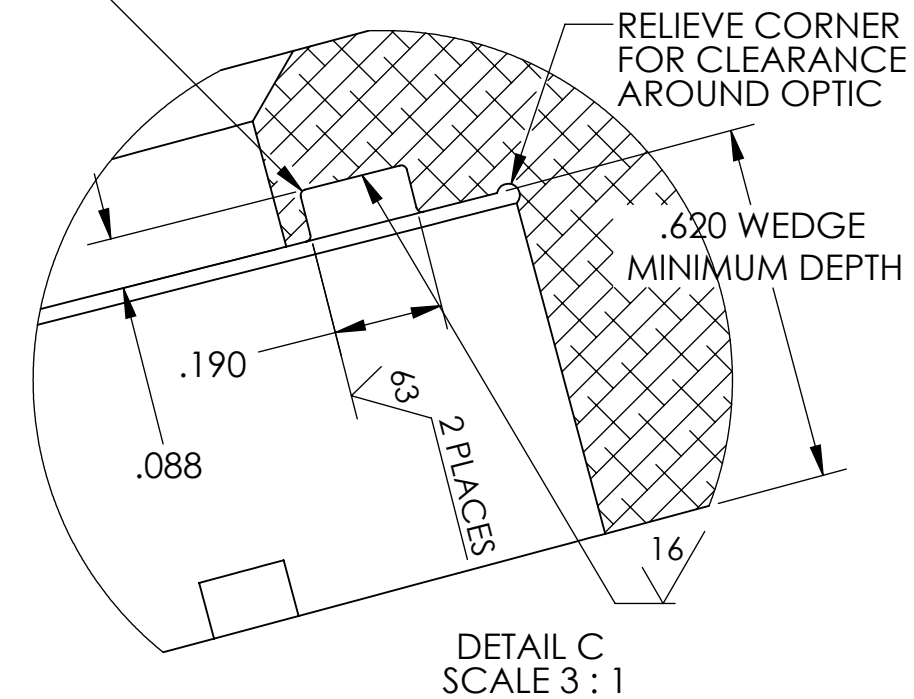
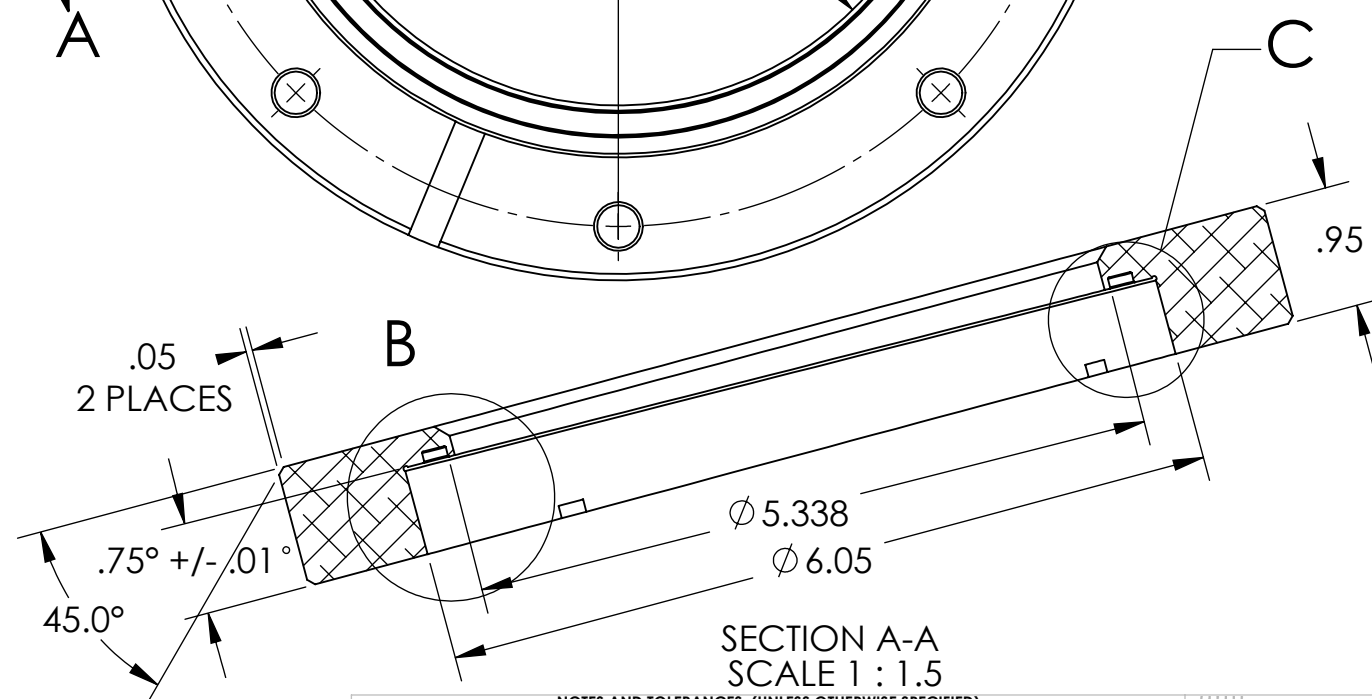
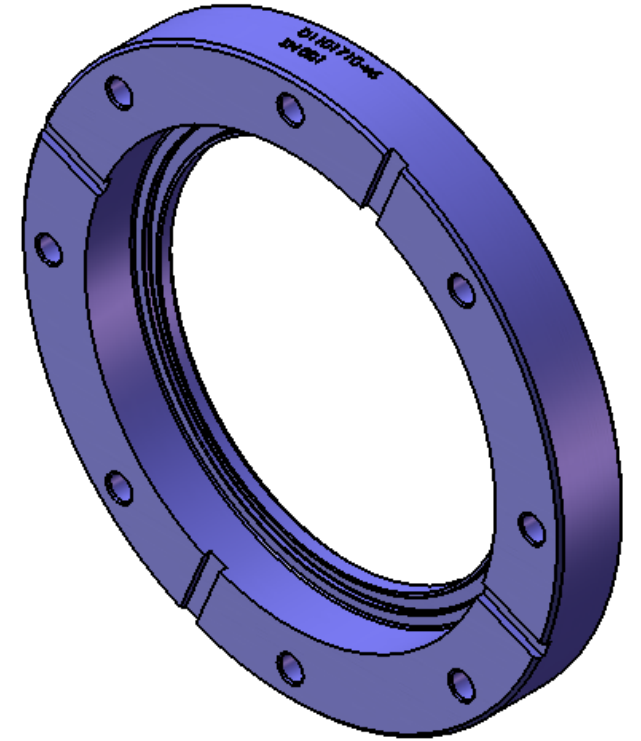
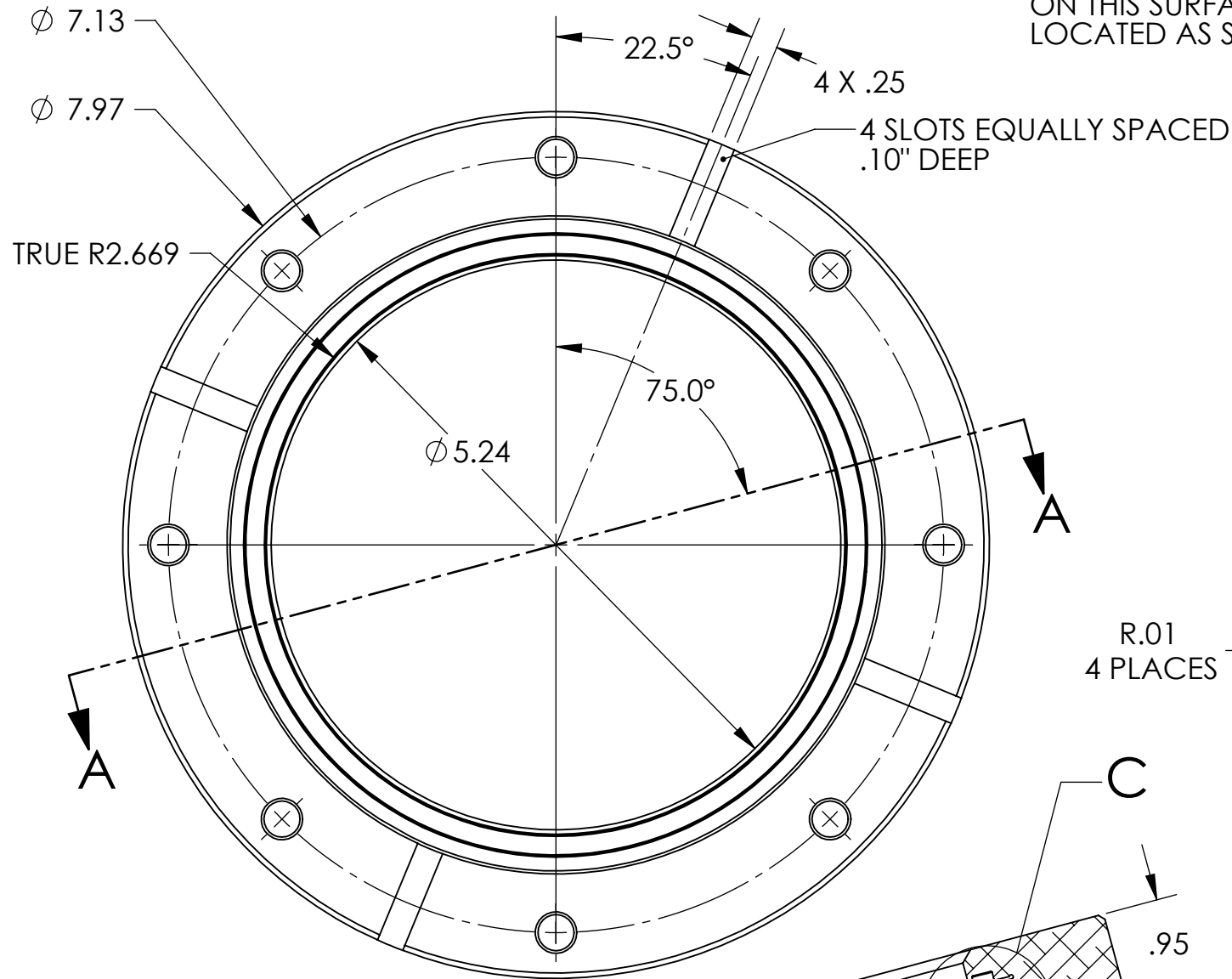
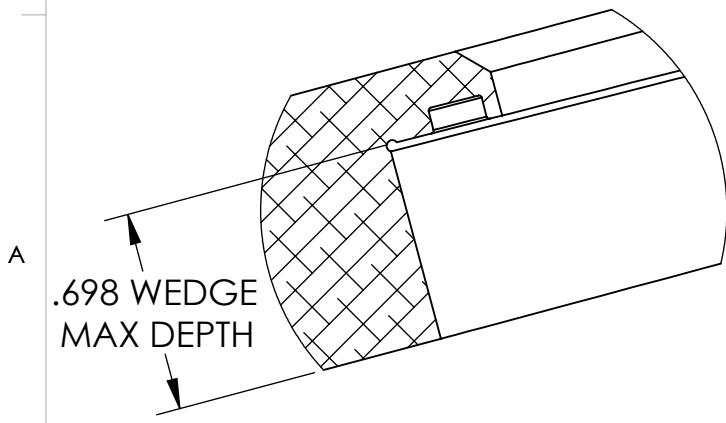
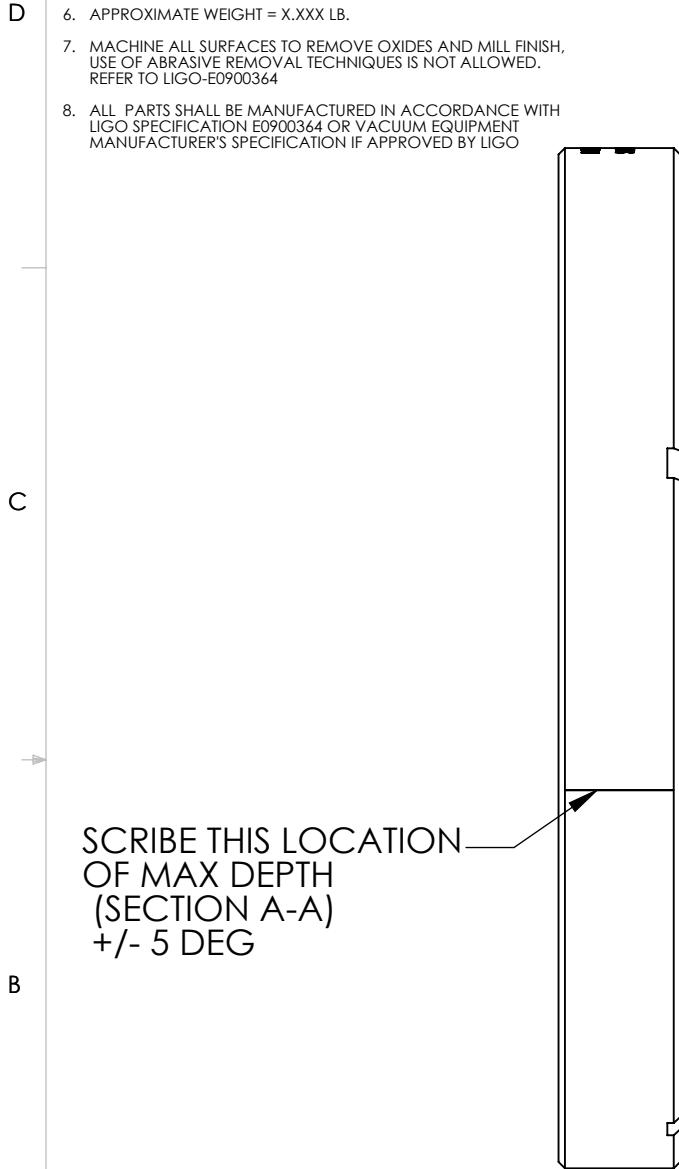
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364 OR VACUUM EQUIPMENT MANUFACTURER'S SPECIFICATION IF APPROVED BY LIGO

REV.	DATE	DCN #	DRAWING TREE #
-	-	E1100478-v4	-
v5	14 NOV 2011	-	-
v6	21 JUN 2012	-	-



MARK PART AND SERIAL NUMBERS ON THIS SURFACE, APPROXIMATELY LOCATED AS SHOWN



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

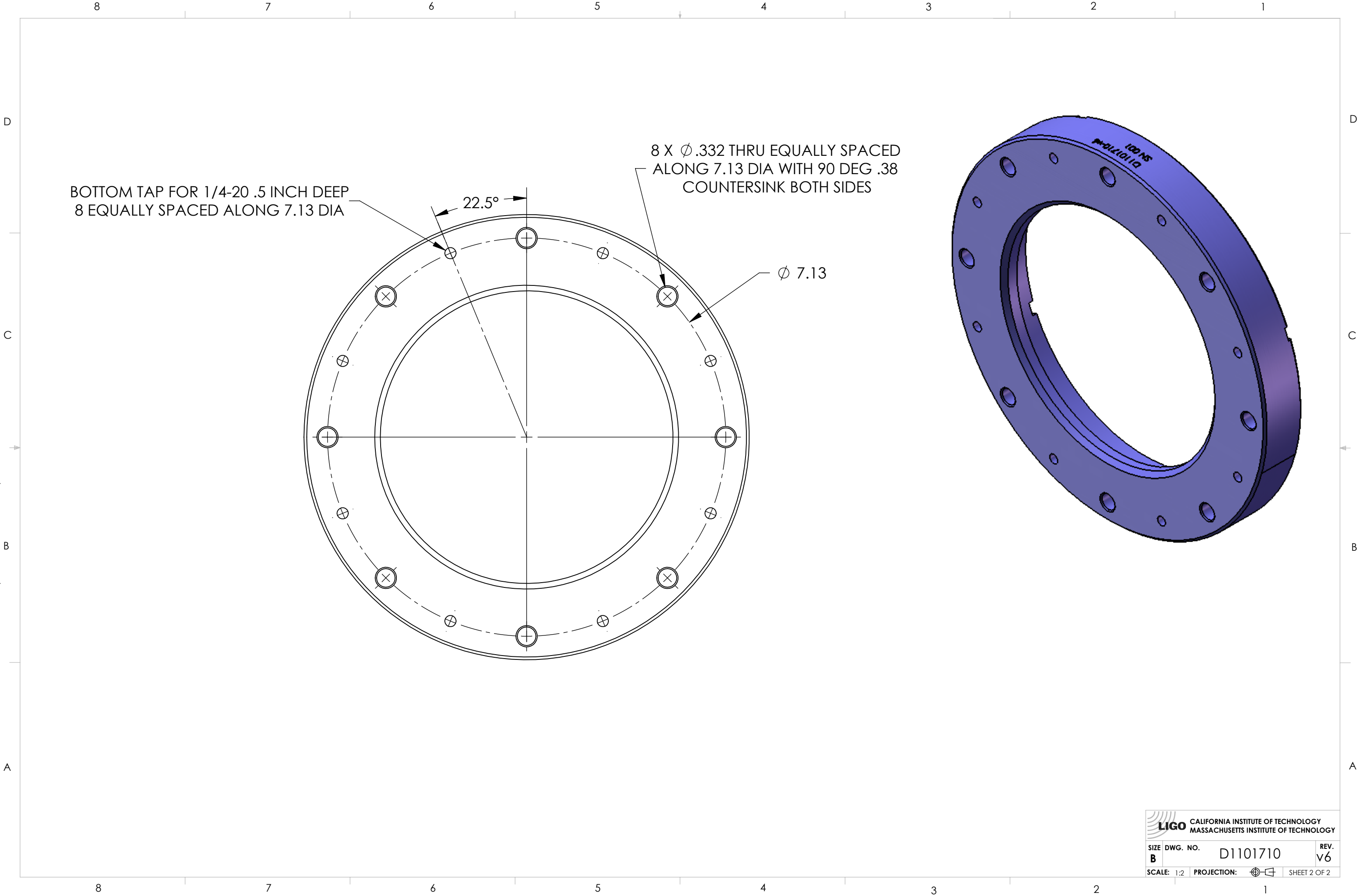
DIMENSIONS ARE IN INCHES

TOLERANCES:  
.XX ± .03  
.XXX ± .010  
ANGULAR ± 1.0°

MATERIAL: 6061 Alloy  
FINISH: 63 Raqinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM: ADVANCED LIGO SUB-SYSTEM: 100 NEXT ASSY: D1101714		HIGH POWER WEDGED COVERGLASS CLAMP	
DESIGNER	J. GLEASON	26 AUG 2011	SIZE DWG. NO.
DRAFTER	J. GLEASON		B
CHECKER			D1101710
APPROVAL			REV. v6
SCALE: 1:2		PROJECTION:	
		SHEET 1 OF 2	

D1101710 ALIGO HIGH POWER WEDGED 6IN COVERGLASS CLAMP, PART PDM REV: X-010, DRAWING PDM REV: X-012



BOTTOM TAP FOR 1/4-20 .5 INCH DEEP  
8 EQUALLY SPACED ALONG 7.13 DIA

8 X  $\phi$ .332 THRU EQUALLY SPACED  
ALONG 7.13 DIA WITH 90 DEG .38  
COUNTERSINK BOTH SIDES

22.5°

$\phi$  7.13

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1101710	v6
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2