

NOTES CONTINUED:

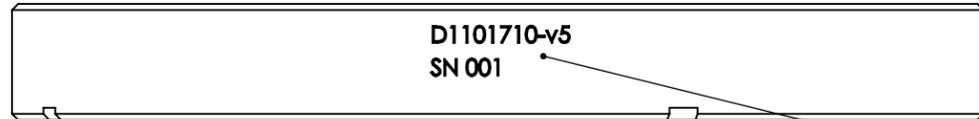
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE 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.

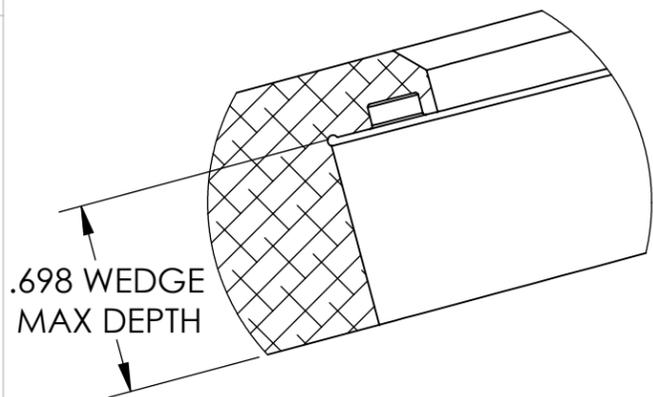
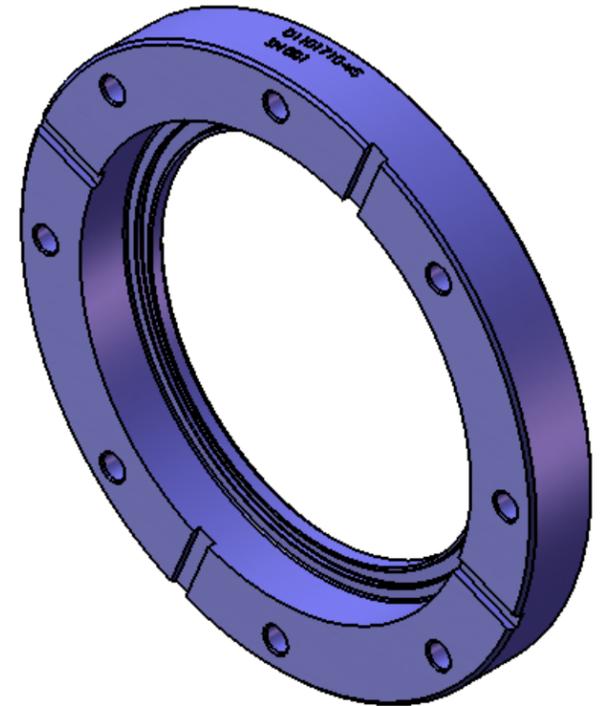
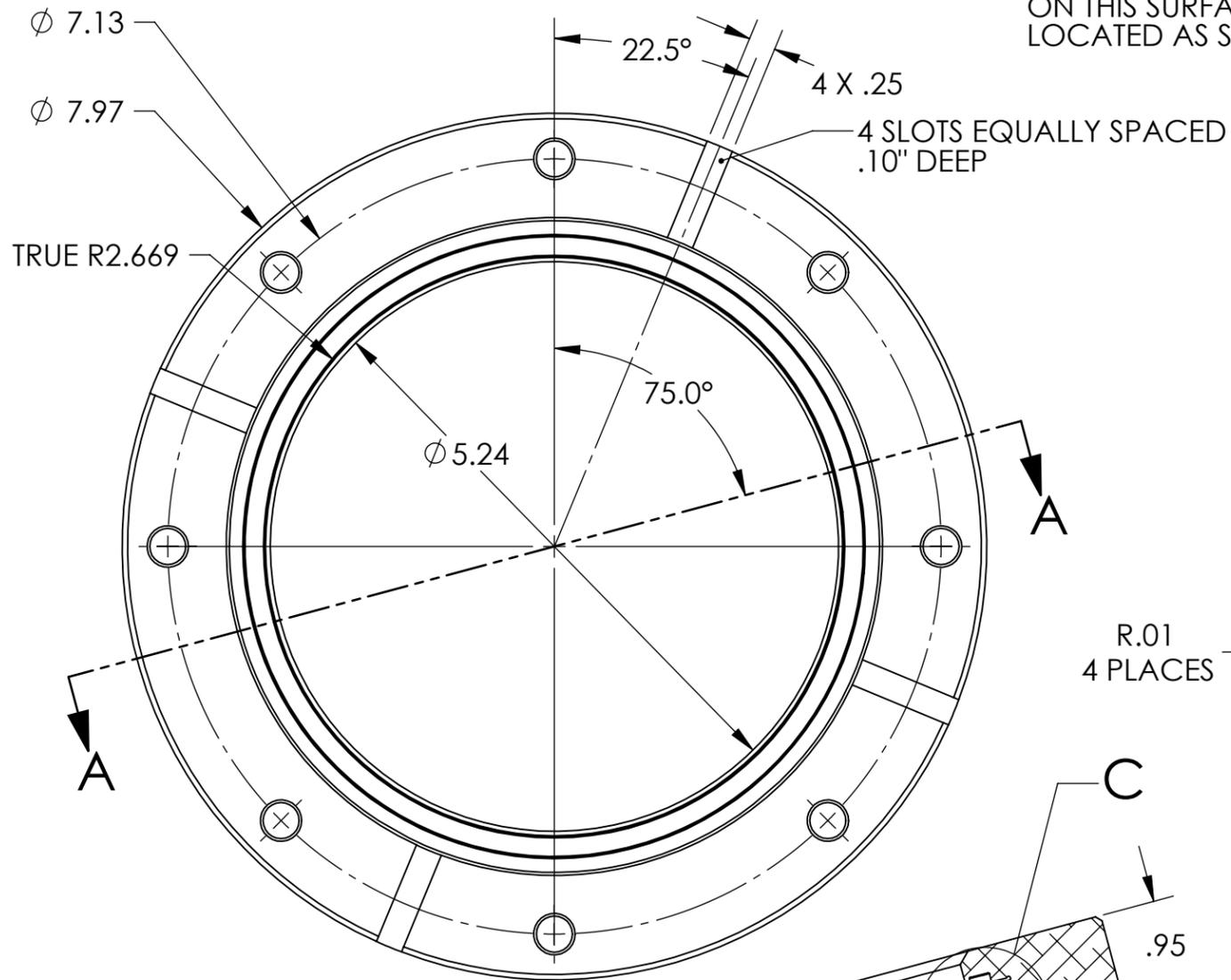
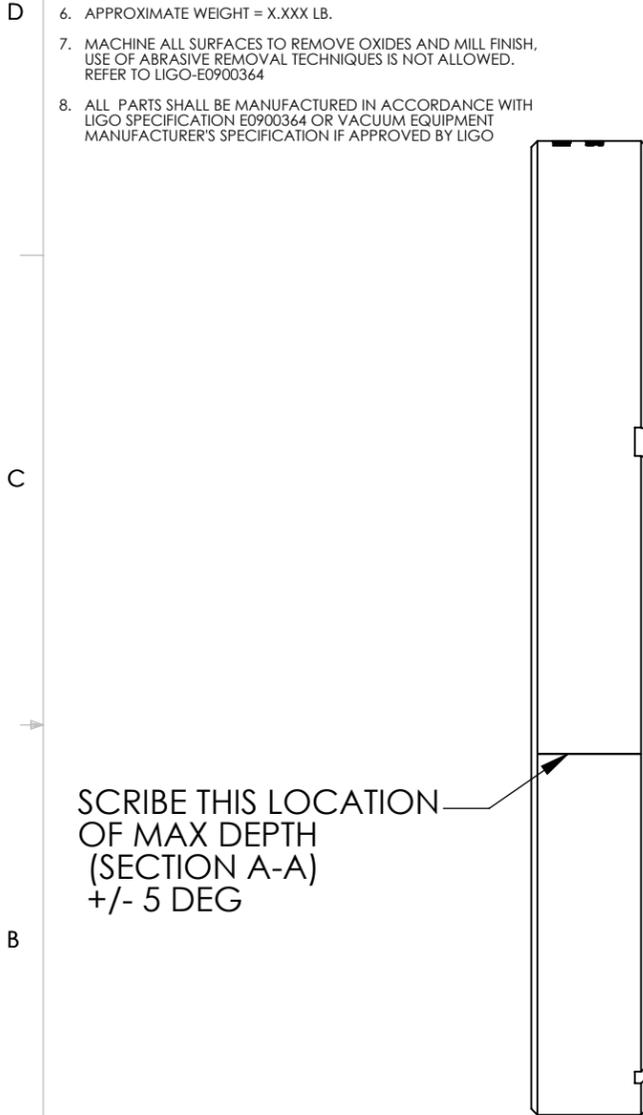
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

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

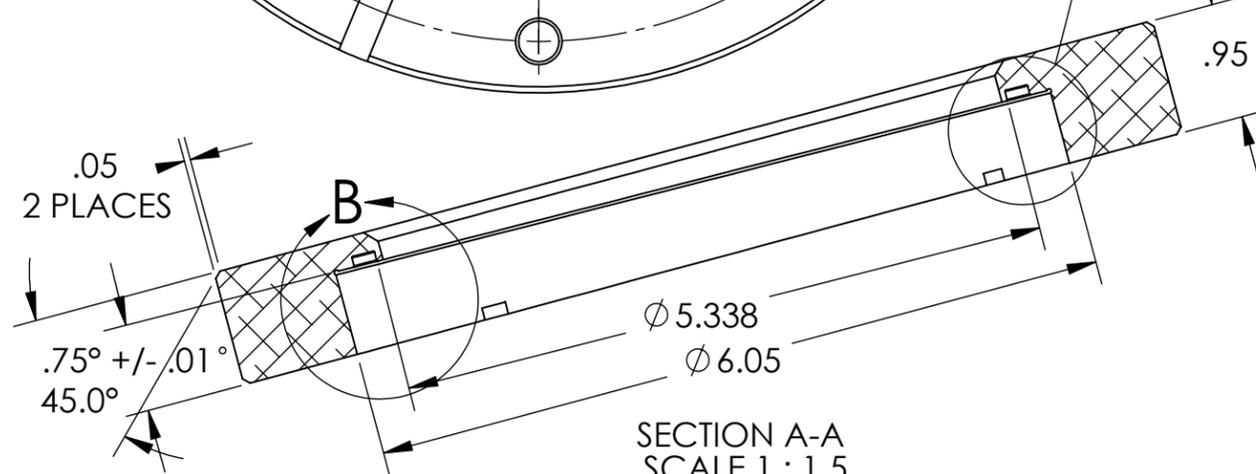
REV.	DATE	DCN #	DRAWING TREE #
-	-	E1100478-v4	-
v5	14 NOV 2011	-	-
-	-	-	-



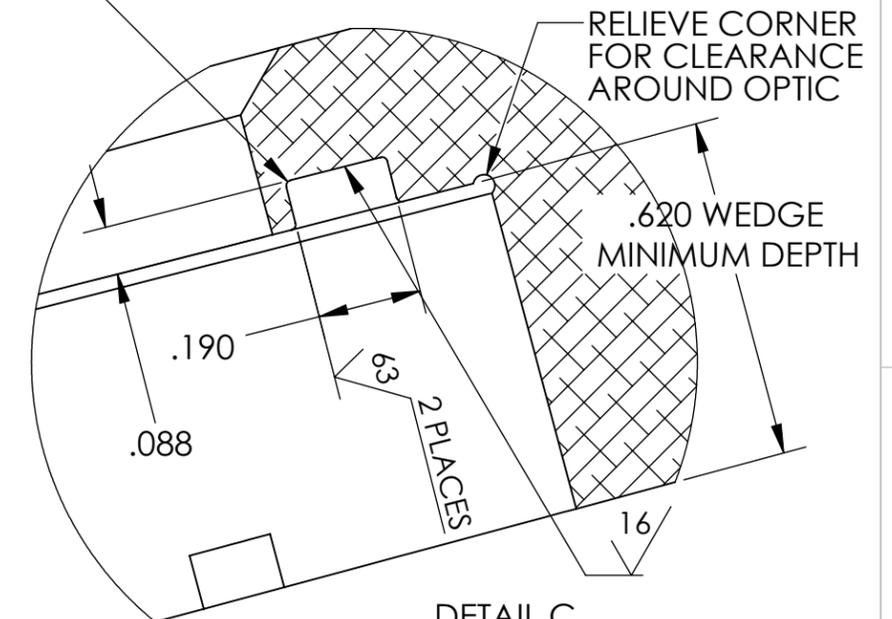
MARK PART AND SERIAL NUMBERS ON THIS SURFACE, APPROXIMATELY LOCATED AS SHOWN



DETAIL B
SCALE 1.5 : 1



SECTION A-A
SCALE 1 : 1.5



DETAIL C
SCALE 3 : 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 1.0°	
MATERIAL	6061 Alloy
FINISH	63 Ra pinch

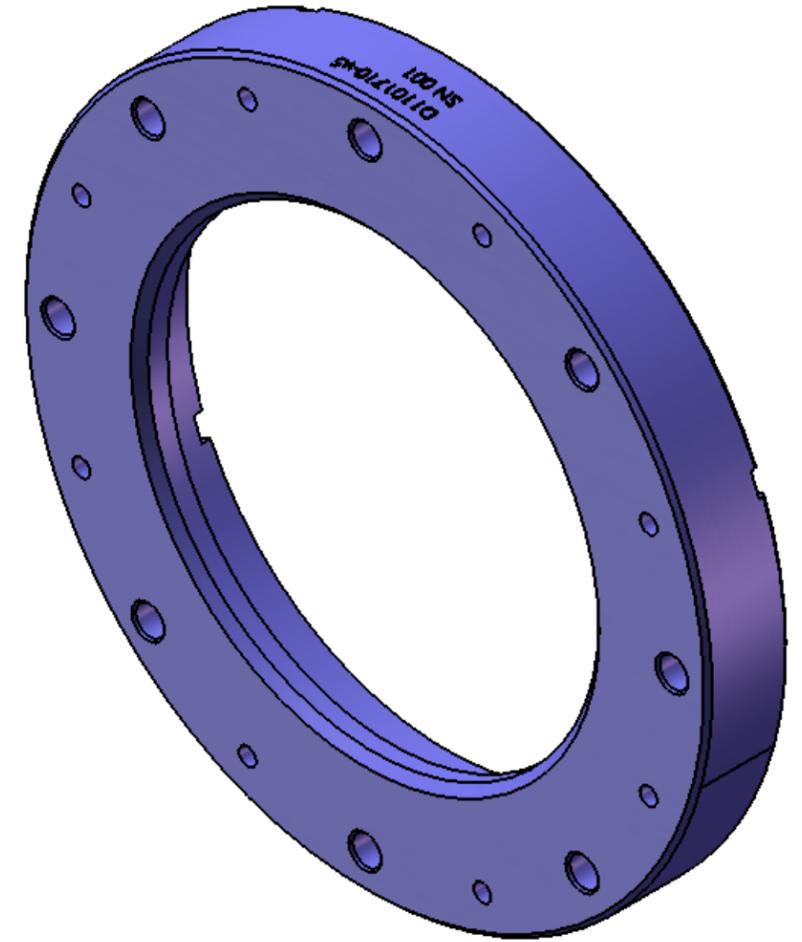
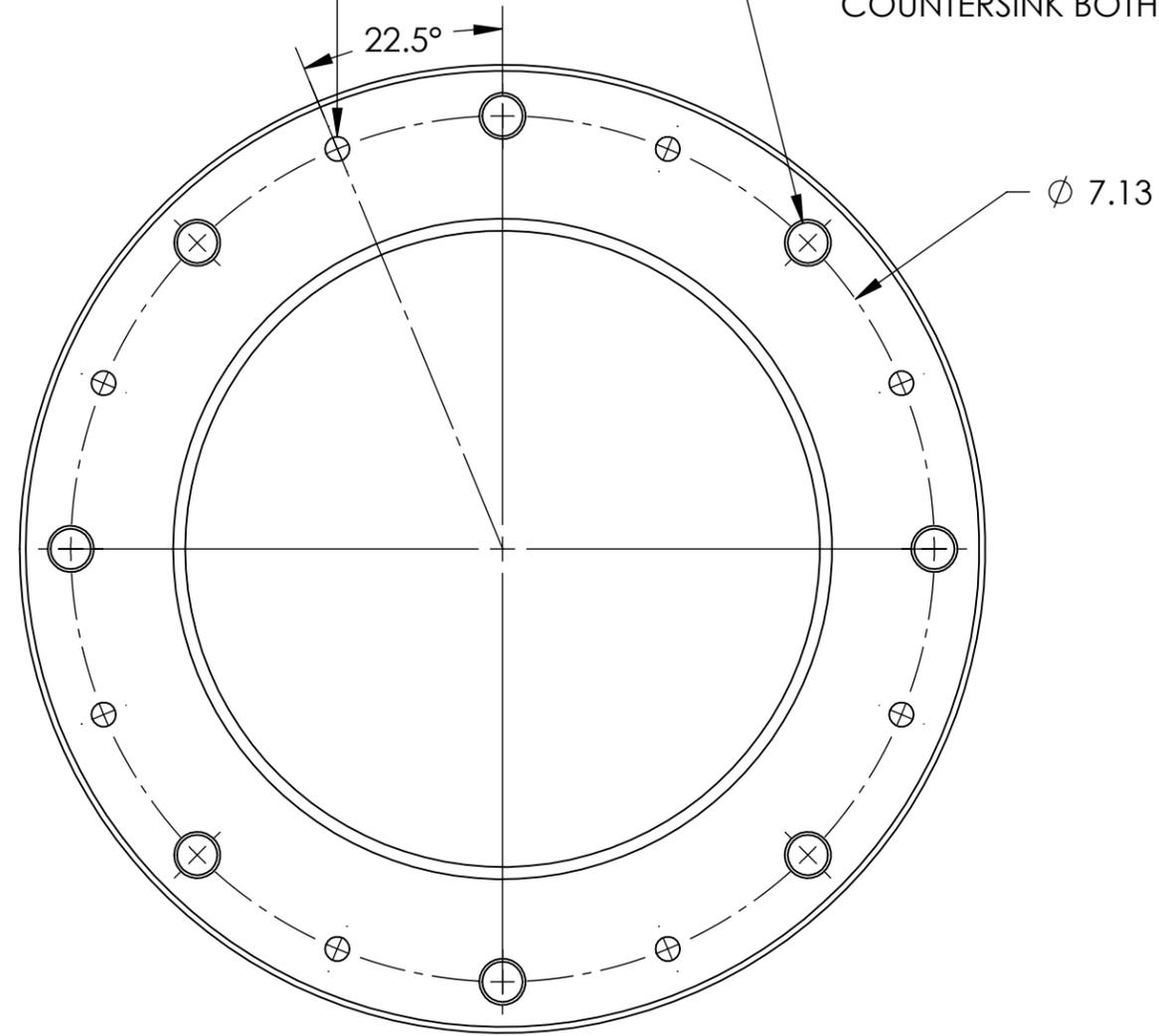
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	100
NEXT ASSY	

PART NAME HIGH POWER WEDGED COVERGLASS CLAMP			
DESIGNER	J. GLEASON	26 AUG 2011	SIZE DWG. NO.
DRAFTER	J. GLEASON		B
CHECKER			D1101710
APPROVAL			v5
SCALE: 1:2		PROJECTION:	
		SHEET 1 OF 2	

D1101710 ALIGO HIGH POWER WEDGED 6IN COVERGLASS CLAMP, PART PDM REV: X-004, DRAWING PDM REV: X-008

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

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



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
B	D1101710	v5
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2