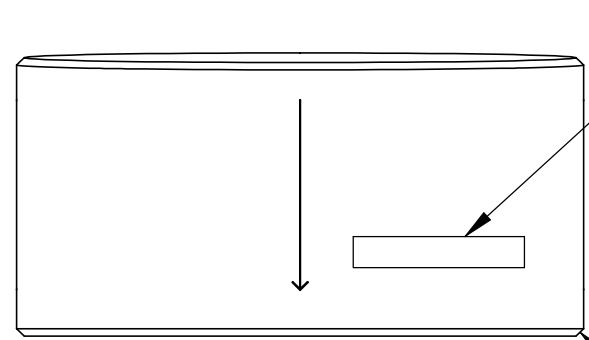


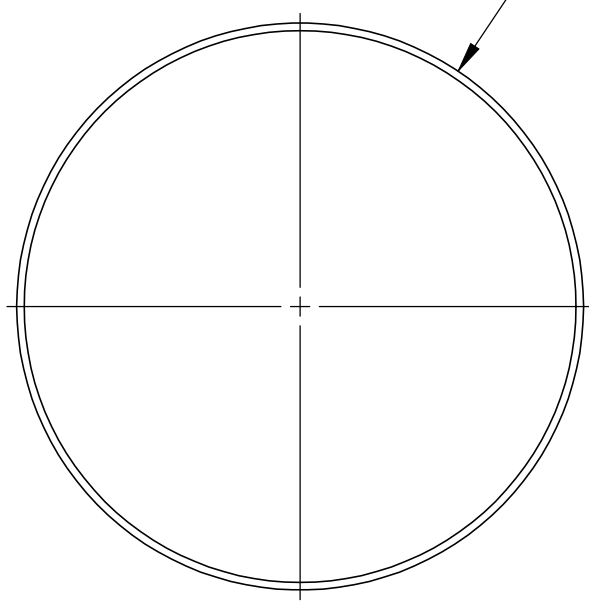
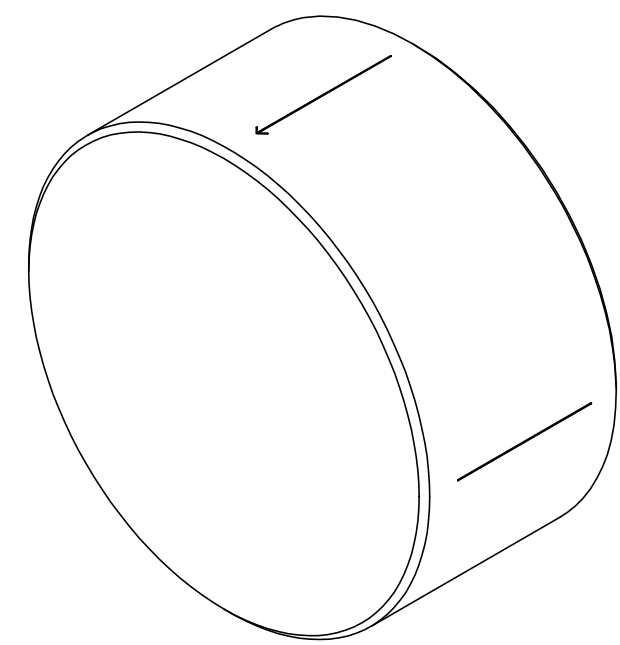
REV.	DATE	DCN #	DRAWING TREE #
v1	10/17/2019	E1900324-v1	-
-	-	-	-
-	-	-	-



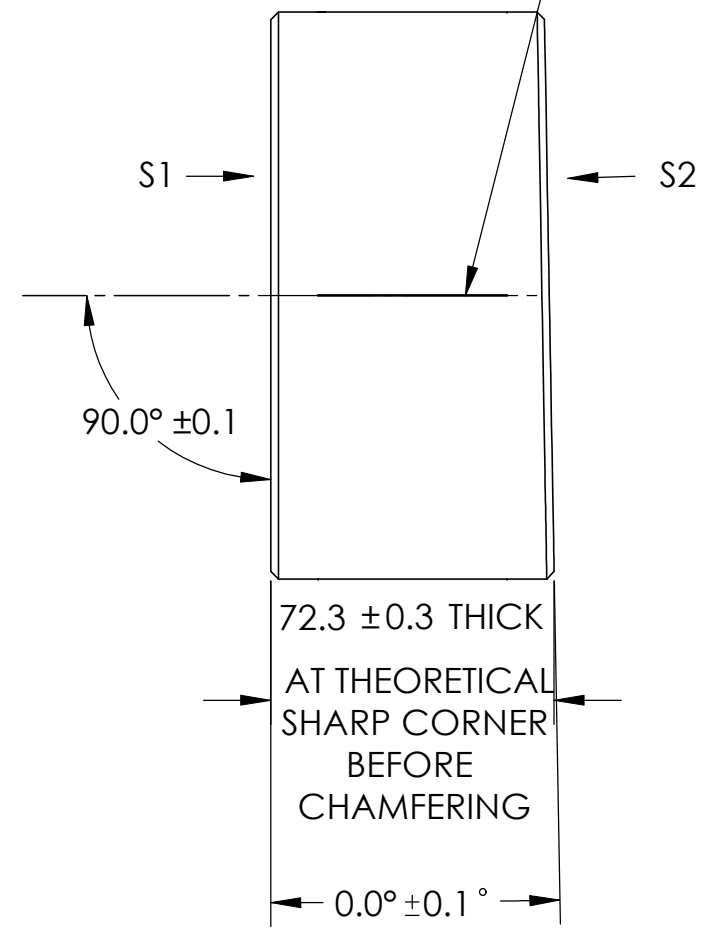
ETCH, GRIND, OR SANDBLAST SERIAL NUMBER  
(TEXT HEIGHT 4mm)  
AND ORIENTATION ARROW POINTING TO S1

CHAMFER  
45° ± 1° x 2 ± 0.3  
2 PLACES

ETCH OR GRIND 0.25mm ± 0.5mm  
WIDE x 50mm ± 1mm LONG  
3 PLACES 90° ± 0.25° APART FROM  
LINE WITH ARROW (SEE TOP VIEW)  
PARALLEL TO CENTRAL AXIS WITHIN  
± 0.10mm, CENTERED BETWEEN  
FRONT AND REAR SURFACES



Ø 150.75 ± 0.25  
0.1mm



S1 →

← S2

90.0° ± 0.1

72.3 ± 0.3 THICK  
AT THEORETICAL  
SHARP CORNER  
BEFORE  
CHAMFERING

← 0.0° ± 0.1° →

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN mm		LIGO		FILTER CAVITY INPUT MIRROR SUBSTRATE	
1. DO NOT SCALE FROM DRAWING. 2. FINISH PER COMPONENT SPECIFICATION LIGO-E1900148-v2.		SYSTEM	SUB-SYSTEM	DESIGNER	DATE
MATERIAL	FINISH	ADVANCED LIGO	A+ISC	BILLINGSLEY	16 OCT 2019
		NEXT ASSY		CHECKER	
				APPROVAL	
				SCALE: NTS	PROJECTION:
				SIZE DWG. NO.	REV.
				B D1900148	v1
				SHEET 1 OF 1	