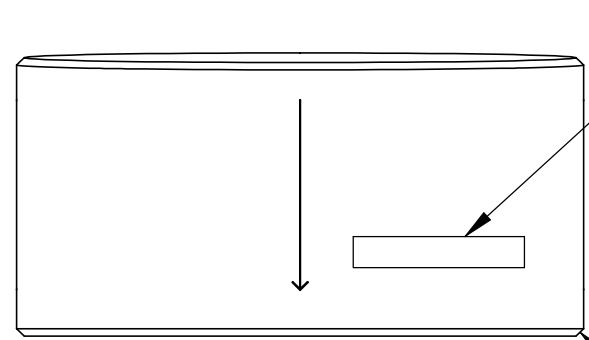


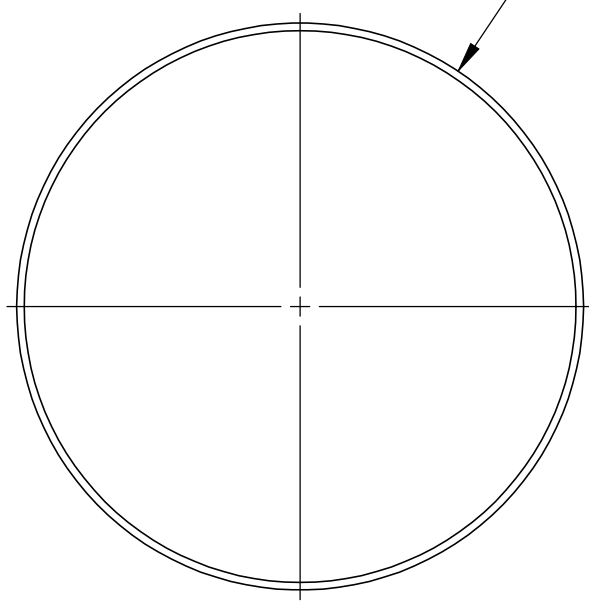
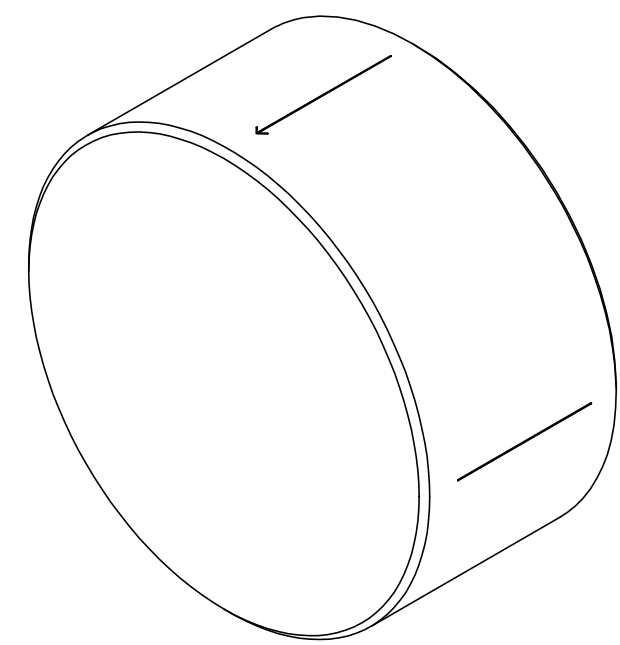
REV.	DATE	DCN #	DRAWING TREE #
v1	10/17/2019	E1900324-v1	-
-	-	-	-
-	-	-	-



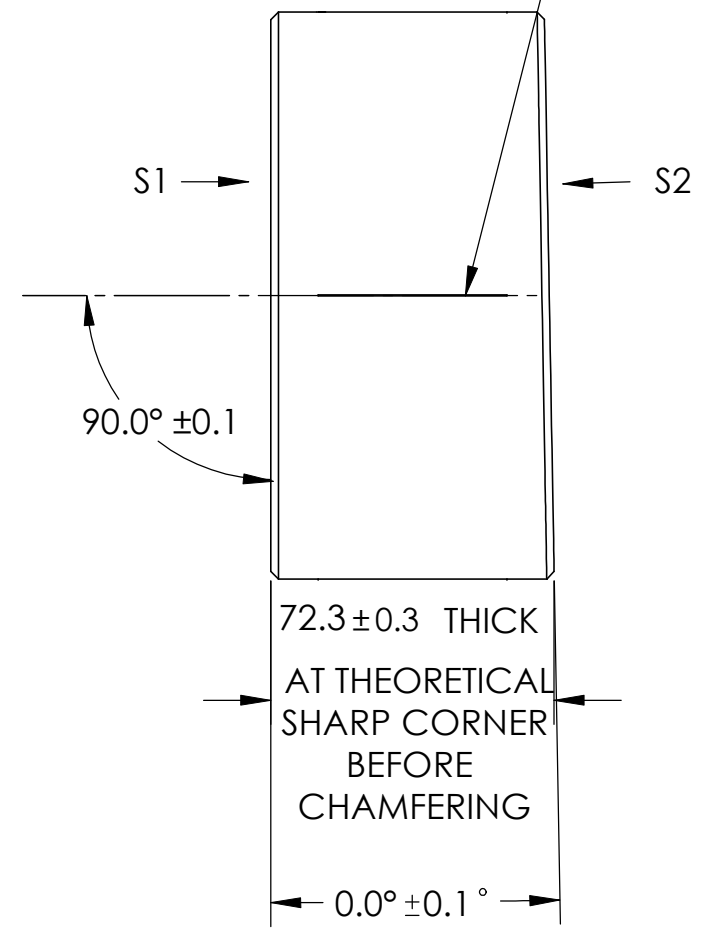
ETCH, GRIND, OR SANDBLAST SERIAL NUMBER  
(TEXT HEIGHT 4mm)  
AND ORIENTATION ARROW POINTING TO S1

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		1. DO NOT SCALE FROM DRAWING. 2. FINISH PER COMPONENT SPECIFICATION LIGO-E1900149-v2.		LIGO		FILTER CAVITY END MIRROR SUBSTRATE	
MATERIAL		FINISH		SYSTEM ADVANCED LIGO		SUB-SYSTEM A+ISC	
NEXT ASSY		DESIGNER BILLINGSLEY 16 OCT 2019		DRAFTER		SIZE DWG. NO. B D1900149	
		CHECKER		APPROVAL		REV. v1	
		SCALE: NTS		PROJECTION:		SHEET 1 OF 1	