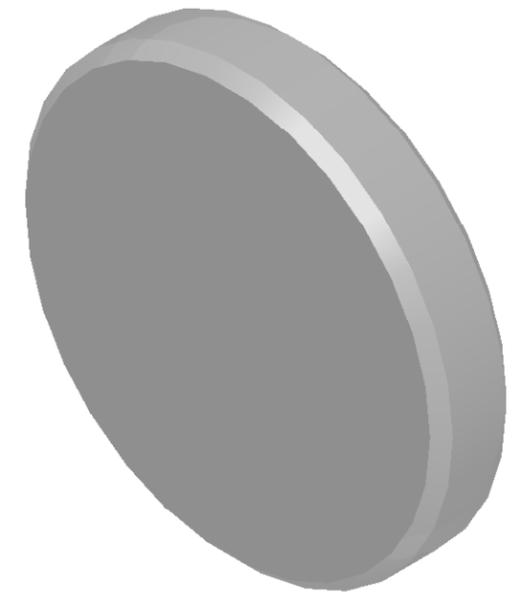
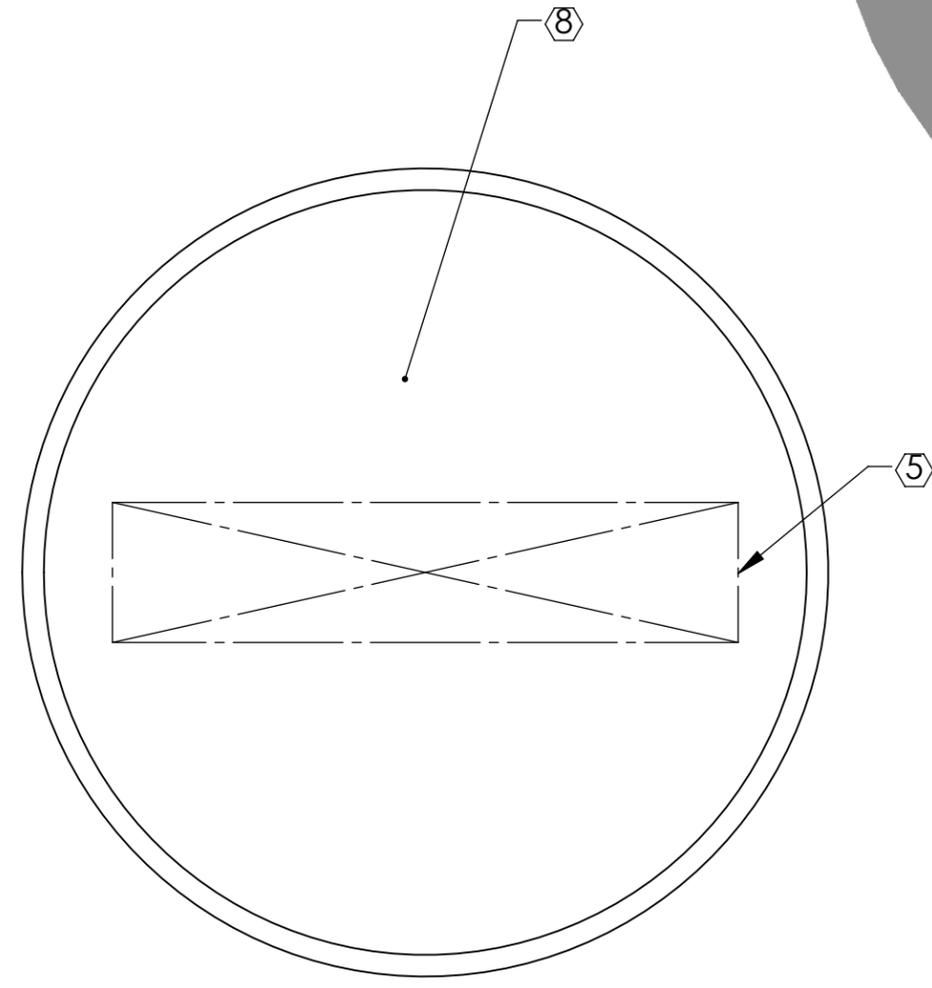
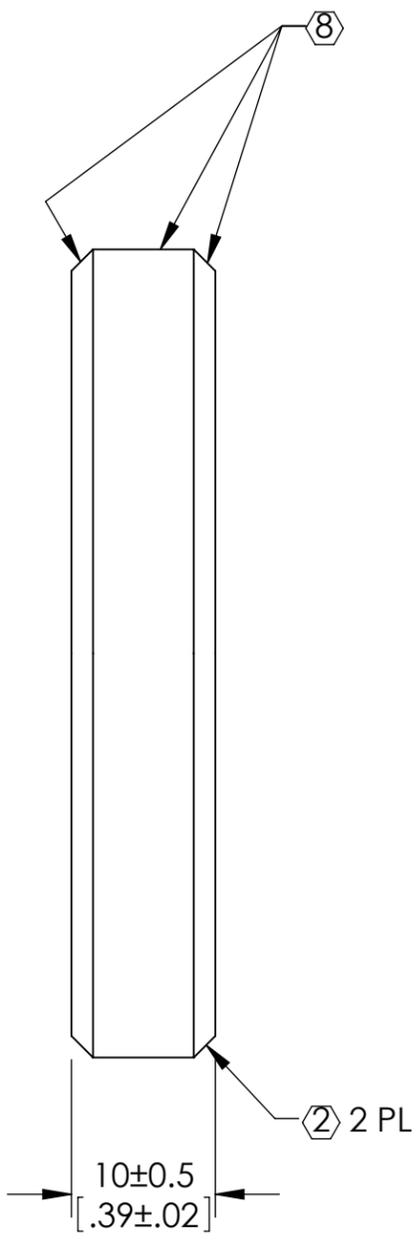
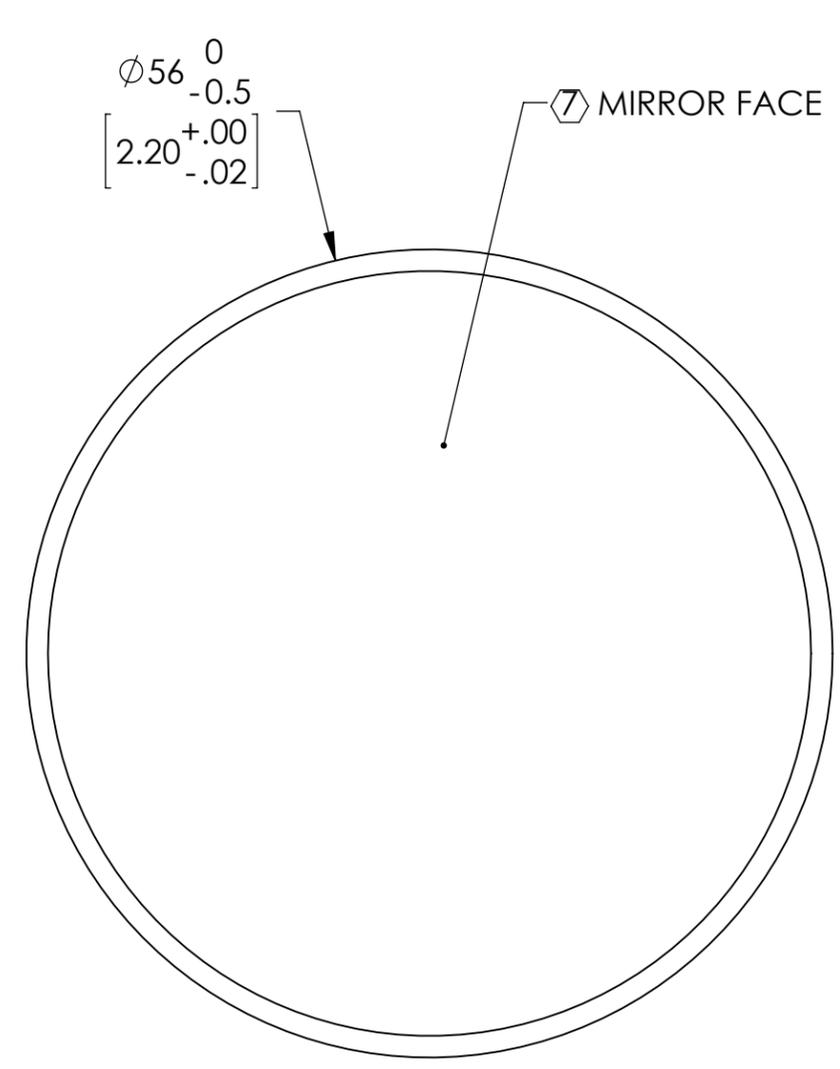


D1100949 TMS Telescope Tooling Mirror, 56 mm, PART PDM REV: X-011, DRAWING PDM REV: X-007

**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 = .13 LB [48.7 G].  
 7. MIRROR FACE:  
 • SUBSTRATE- 1/10 WAVE FLATNESS @ 633 NM OVER ENTIRE FACE  
 • ALUMINIZED WITH OVERCOAT  
 8. STANDARD GROUND SURFACE OR BETTER.

REV.	DATE	DCN #	DRAWING TREE #
v1	25 JUL 2011	E1100351	-
-	-	-	-
-	-	-	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN MILLIMETERS TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 2°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. BREAK EDGES, 1.0-1.5. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		TMS TELESCOPE TOOLING MIRROR, 56 MM	
MATERIAL		FINISH		SYSTEM		SUB-SYSTEM	
FUSED SILICA		8		ADVANCED LIGO		AOS	
NEXT ASSY				TOOLING		DESIGNER	
						C. CONLEY 19 MAY 2011	
						DRAFTER	
						C. CONLEY 25 JUL 2011	
						CHECKER	
						SEE DCN	
						APPROVAL	
						SEE DCN	
						SIZE DWG. NO.	
						B D1100949	
						REV.	
						v1	
						SCALE: NONE PROJECTION:	
						FIRST ANGLE SHEET 1 OF 1	