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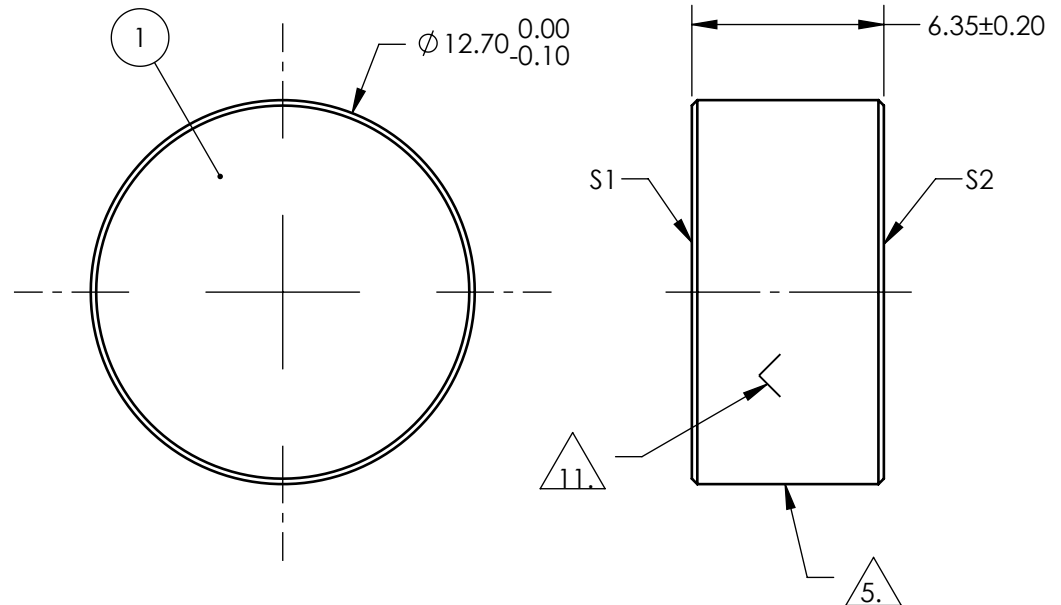
1

NOTES: UNLESS OTHERWISE SPECIFIED

- ALLOWABLE OPTICAL MATERIAL(S):
NO SUBSTITUTIONS ALLOWED UNLESS NOTED IN WRITING FROM
EDMUND OPTICS

FUSED SILICA
CORNING: 7980 OF 458/678
- ONLY ROHS-COMPLIANT MATERIALS ARE ACCEPTABLE. DO
NOT SUBSTITUTE WITH ROHS-EXEMPT OR NON-COMPLIANT
MATERIALS
- SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN
< 3 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE):
DURABILITY: ADHESION AND ABRASION AS PER MIL-PRF13830B, APP B,
PARA B.4.4.5 and B.4.4.6

S1: R(AVG) = 80% ± 2% @ 1064nm @ 0° AOI
S2: R(AVG) < 0.2% @ 1064nm @ 0° AOI
- △ FINE GRIND SURFACE
- SURFACE FORM AND QUALITY SPECIFICATIONS APPLY ACROSS
CLEAR APERTURE
- CHIPS OUTSIDE OF CLEAR APERTURE: < 0.25
- CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON
SURFACES
- BEVELS TO BE APPLIED APPROXIMATELY SYMMETRIC ABOUT
INTERSECTION OF FACES
- TRANSMITTED WAVEFRONT ERROR:
0.25 FRINGES P-V @ 632.8nm
- △ 11. APPLY CARET ON EDGE WITH PENCIL OR PERMANENT INK
POINTING TO SURFACE S1



1	1	37688	Ø12.7mm x 6.35mm UNCOATED LASER WINDOW SUBSTRATE					
ITEM	QTY.	PART NUMBER	DESCRIPTION					
		INITIALS	DATE	<div>EO PROPRIETARY INFORMATION</div> <div>THIS DOCUMENT AND THE INFORMATION CONTAINED WITHIN ARE EDMUND OPTICS INC. (EO) PROPRIETARY INFORMATION INTENDED SOLELY FOR THE USE OF EO AND THE RECEIVING PARTIES HEREBY BOUND TO KEEP SUCH INFORMATION CONFIDENTIAL (HEREINAFTER "PARTY"). ANY REVIEW, TRANSMISSION, DISCLOSURE, DUPLICATION, DISCUSSION, PUBLISHING, AND/OR DISTRIBUTION WITH OR TO ANYONE OTHER THAN EO AND PARTY, INCLUDING BUT NOT LIMITED TO ANY OTHER CUSTOMER, AGENT, AND/OR VENDOR, ARE STRICTLY PROHIBITED. UPDATES AND REVISIONS TO THIS DOCUMENT ARE AT THE SOLE DISCRETION OF EO.</div>				
DRAWN BY		M.S.	03/23/20					
CHECKED BY		J.B.	03/27/20					
APPROVED BY		F.J.B.	03/31/20					
FL AT 587.6nm)		(N/A)		<div><div><div><div></div><div></div></div><div></div></div><div>Edmund Optics®</div></div> <div>TITLE</div> <div>Ø12.7mm, 80%R, 1064nm OUTPUT COUPLER</div>				
FL AT 587.6nm)		(N/A)						
ALL DIMS IN		mm						
INTERPRET PER ASME Y14.5-2009				DWG NO.	14740	REV	02	
THIRD ANGLE PROJECTION				SCALE	NONE	SHEET 1 OF 1	SHEET SIZE: A	CAD SYS: SolidWorks EPDM TEMPLATE 051324

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