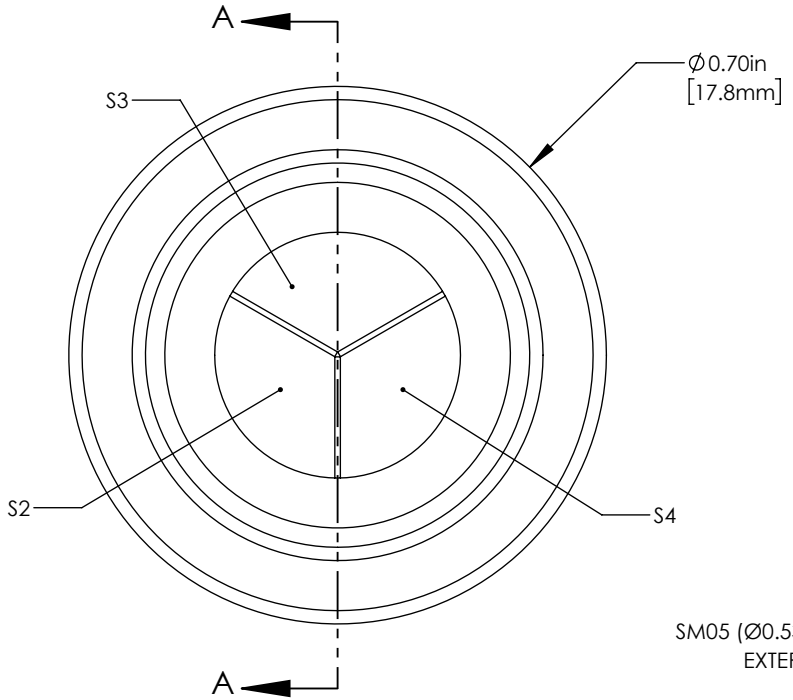
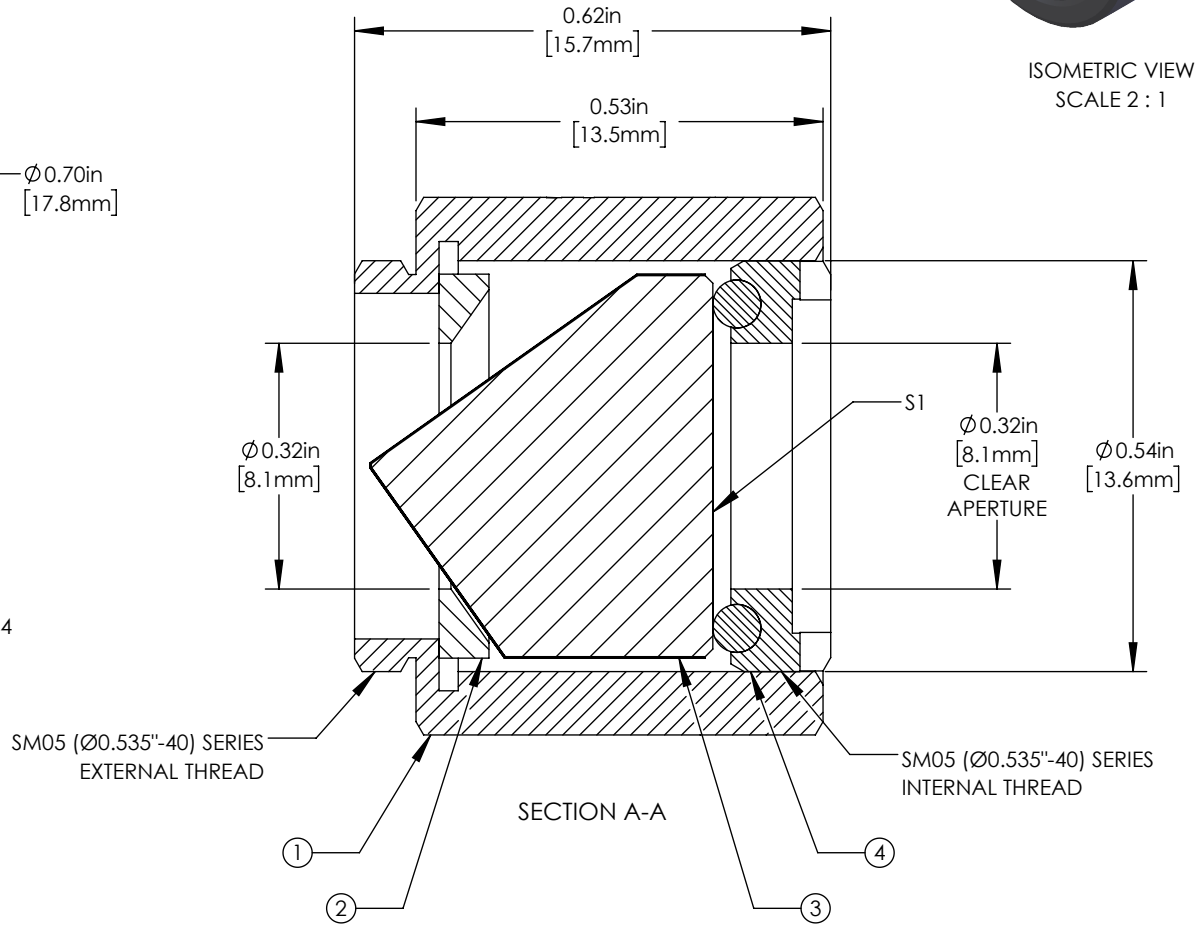
	PART	MATERIAL
1	ENGRAVED LENS TUBE	ANODIZED ALUMINUM
2	MOUNTING ADAPTER	BLACK DELRIN®
3	PS977-M01B Ø12.7 mm RETROREFLECTOR, GOLD COATED WITH BLACK OVERPAINT	N-BK7
4	SM05LTRR RETAINING RING	ANODIZED ALUMINUM & RUBBER



ISOMETRIC VIEW
SCALE 2 : 1





SECTION A-A

NOTES:

1. CLEAR APERTURE: Ø8.1 mm
2. DIAMETER TOLERANCE (PRISM): +0.0/-0.1 mm
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. SURFACE FLATNESS (S1): <λ/10 AT 633 mm
5. SINGLE LEG MAX BEAM DIAMETER: Ø3.6 mm
6. BEAM DEVIATION: <3 arcsec
7. POLARIZATION AZIMUTHAL ANGLE ROTATION: <10°
8. COATING (S2, S3, S4): PROTECTED GOLD WITH OVERPAINT

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JDR	06/JAN/20
APPROVAL	ER	01/APR/26

COPYRIGHT © 2020 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

MOUNTED Ø12.7 mm RETROREFLECTOR
GOLD COAT/BLACK PAINT

MATERIAL	REV
SEE TABLE	B

ITEM #	APPROX WEIGHT
PS977M-M01B	7 g