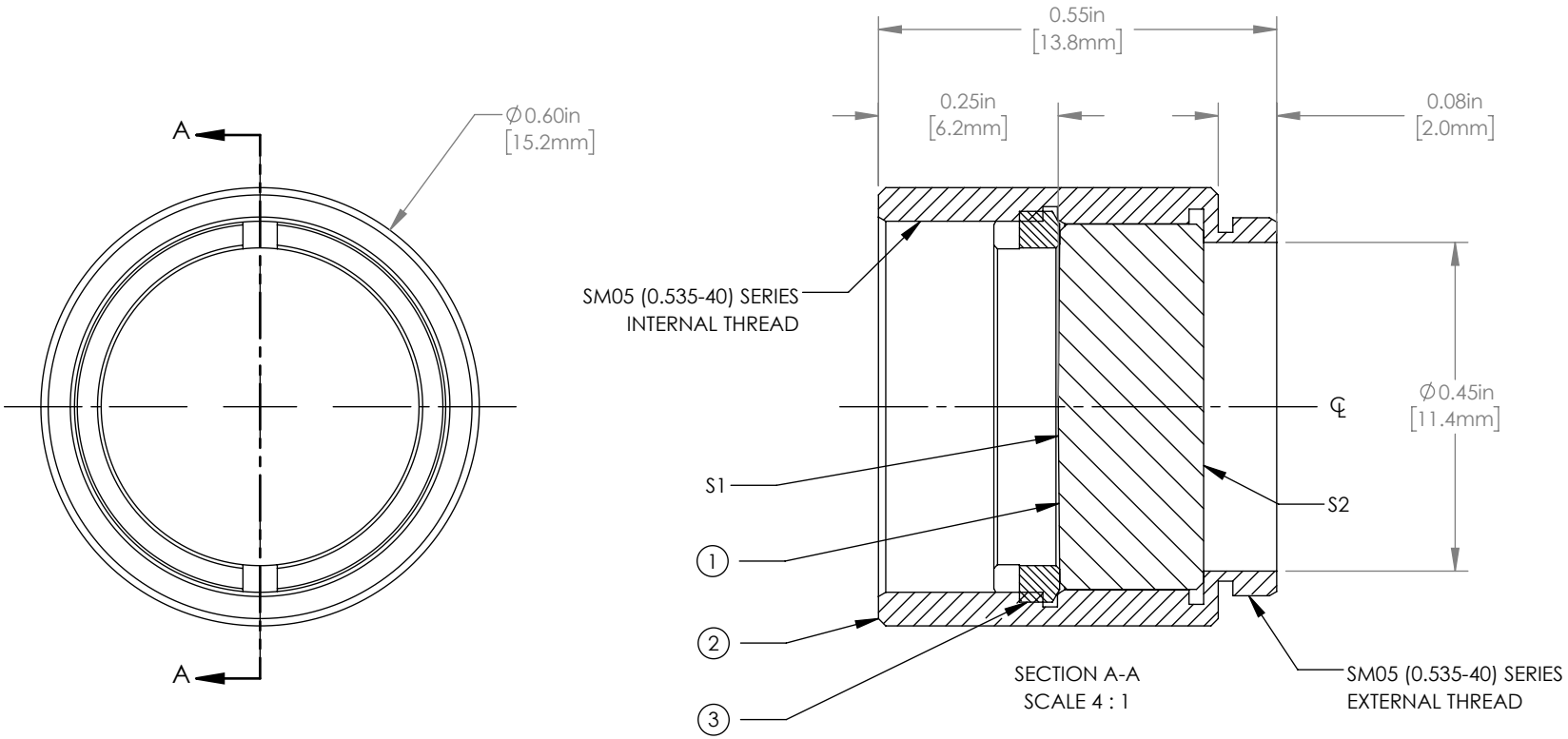
PART	DESCRIPTION	MATERIAL
1	AX1205-A	UV FUSED SILICA
2	ENGRAVED HOUSING	ANODIZED ALUMINUM
3	RETAINING RING	





NOTES/SPECIFICATIONS:

1. ANGULAR TOLERANCE: ±0.01°
2. CLEAR APERTURE (S1,S2): > ∅11.0 mm
3. APEX ROUNDING (S1): < ∅1.5 mm
4. SURFACE QUALITY (S1,S2): 40-20 SCRATCH-DIG
5. SURFACE FLATNESS (S2): <λ/10 AT 633 nm
6. SURFACE DEVIATION (RMS)(S1): <0.05 µm
7. SURFACE ROUGHNESS (RMS)(S1): <6 Å
8. COATING (S1,S2): BBAR 350-700 nm, Ravg: <0.5%, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	DS	05/APR/24
APPROVAL	DD	12/APR/24

COPYRIGHT © 2024 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

∅12.7 mm MOUNTED AXICON, 0.5° ANGLE, A COATED

MATERIAL	REV
SEE TABLE	A

ITEM #	APPROX WEIGHT
AX1205M-A	3.5 g