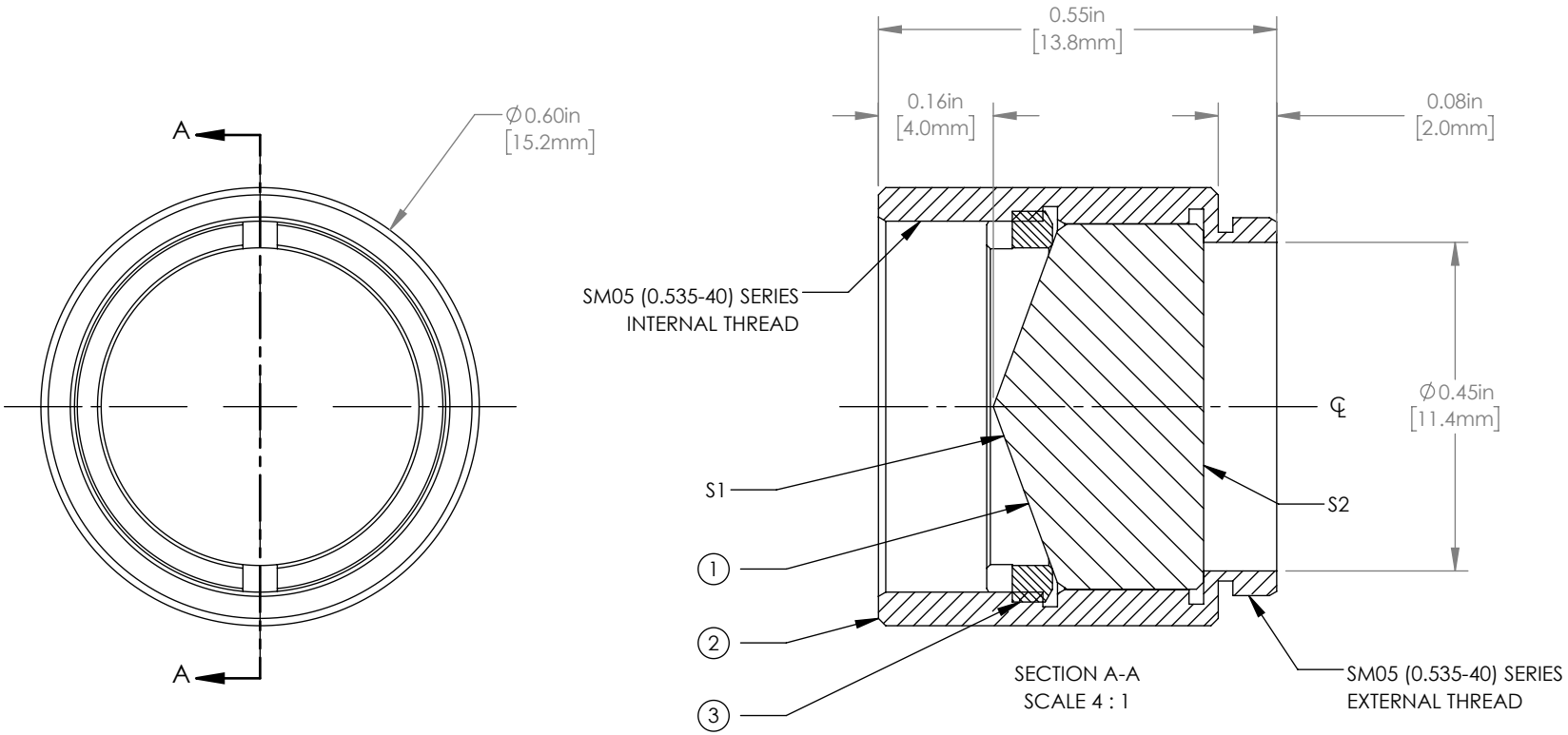
| PART | DESCRIPTION | MATERIAL |
|---|---|---|
| 1 | AX1220-A | UV FUSED SILICA |
| 2 | ENGRAVED HOUSING | ANODIZED ALUMINUM |
| 3 | RETAINING RING | |






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 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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∅12.7 mm MOUNTED AXICON, 20.0° ANGLE, A COATED

| MATERIAL | REV |
|---|---|
| SEE TABLE | A |

| ITEM # | APPROX WEIGHT |
|---|---|
| AX1220M-A | 3.7 g |