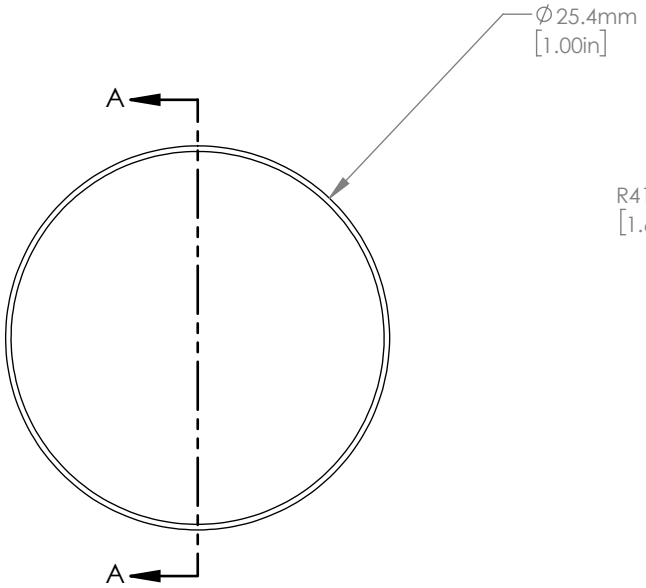
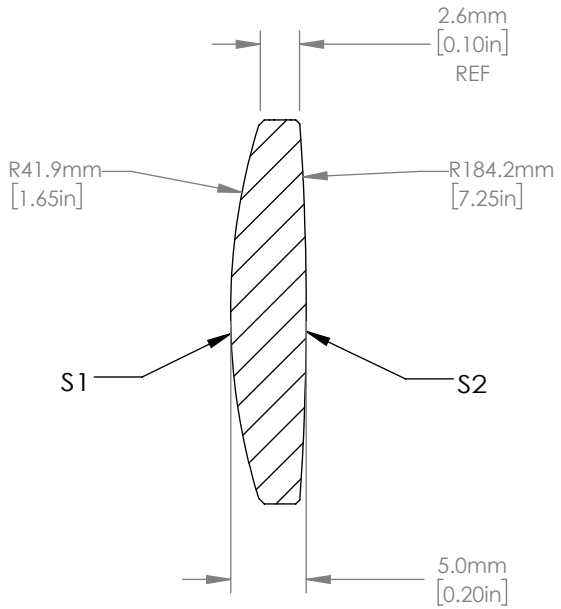



ISOMETRIC VIEW
SCALE: 2:1




SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: f=75.0 mm ± 1%
3. BACK FOCAL LENGTH(REF): bf=72.2 mm
4. CLEAR APERTURE: > Ø22.86 mm
5. SURFACE QUALITY: 20-10 SCRATCH-DIG
6. CENTRATION: ≤ 3 arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1 mm
8. THICKNESS TOLERANCE: ±0.1 mm
9. SURFACE IRREGULARITY: ≤ λ/4, @633 nm
10. SPHERICAL SURFACE POWER: ≤ 3λ/2, @633 nm
11. COATING(S1,S2): BBAR Ravg<1.0% FOR 400 nm-1100 nm, 0˚ AOI
12. DIFFRACTION LIMITED DIAMETER @633 nm: 9.4 mm
13. DIFFRACTION LIMITED DIAMETER @1064 nm: 9.6 mm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | | |
|---|---|---|
| | NAME | DATE |
| DRAWN | YWZ | 1/NOV/24 |
| APPROVAL | JS | 1/NOV/24 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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Ø25.4 mm f=75 mm UVFS
BEST FORM LENS,-AB COATING

| MATERIAL | REV |
|---|---|
| UV FUSED SILICA | A |

| ITEM # | APPROX WEIGHT |
|---|---|
| LBF41075-AB | 6.5 g |