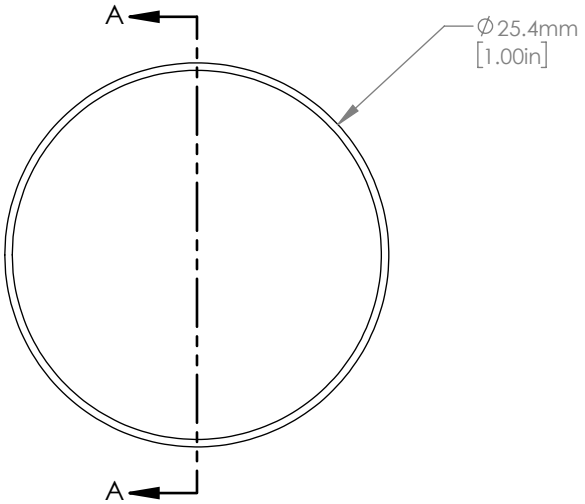
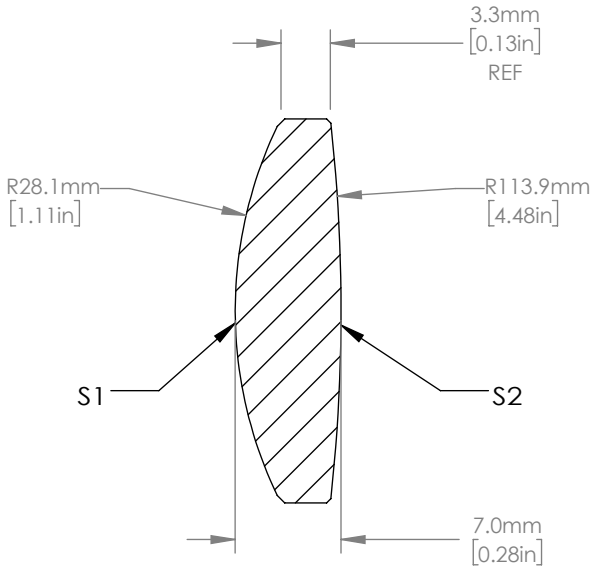


ISOMETRIC VIEW
SCALE: 2:1





SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: f=50.0 mm ± 1%
3. BACK FOCAL LENGTH(REF): bf=46.1 mm
4. CLEAR APERTURE: > ∅22.86 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<0.5% FOR 350 nm-700 nm, 0˚ AOI
12. DIFFRACTION LIMITED DIAMETER @633 nm: 6.3 mm
13. DIFFRACTION LIMITED DIAMETER @1064 nm: 6.4 mm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	YWZ	27/SEP/24
APPROVAL	JS	27/SEP/24

COPYRIGHT © 2024 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

∅25.4 mm f=50 mm UVFS
BEST FORM LENS,-A COATING

MATERIAL	REV
UV FUSED SILICA	A

ITEM #	APPROX WEIGHT
LBF41050-A	5.7 g