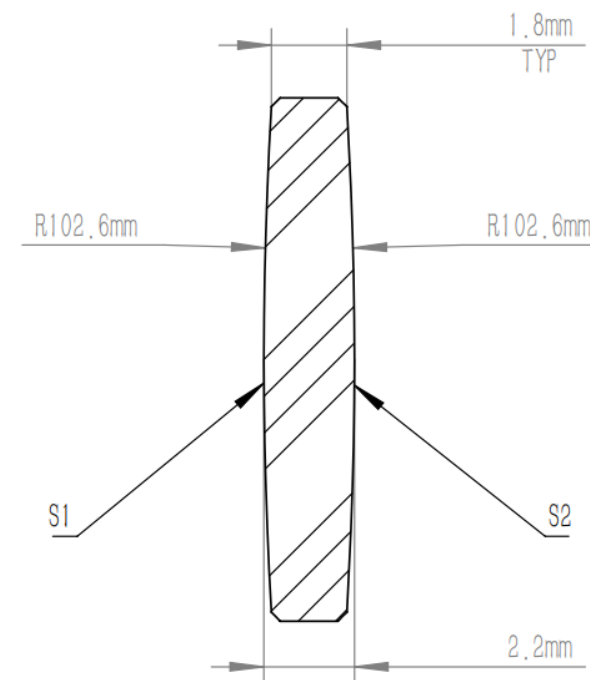
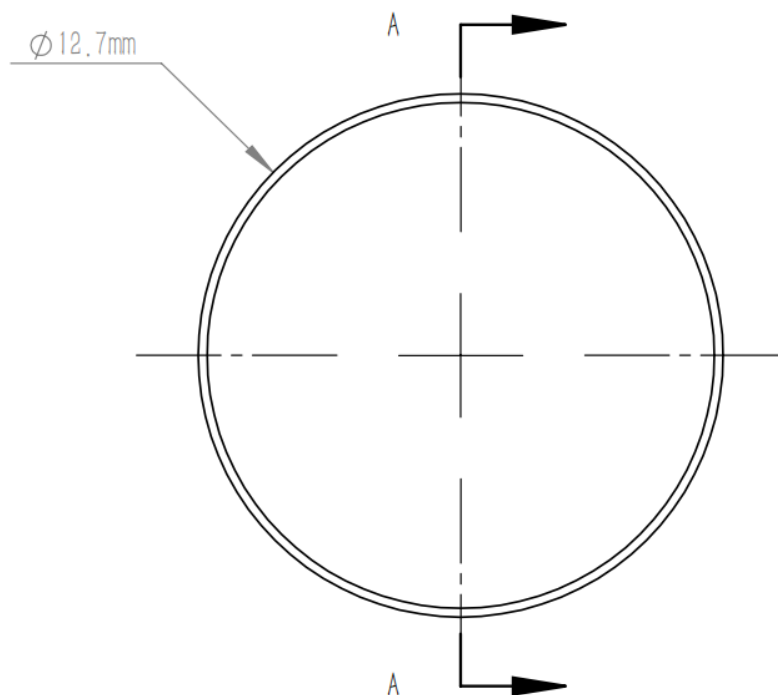




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm—1100 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $100.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 99.3 mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{\text{avg}} < 0.5\%$ @ 700 nm—1100 nm

DRAWING PROJECTION 			OLA-127-100-B		Zolix			
	NAME	DATE						
DRAWN	JAC	18th/JUL./2025	BI CONVEX LENS		MATERIAL	WEIGHT	SCALE	REV
APPROVAL	OLI	18th/JUL./2025			FOLLOW THE PARTS		5:1	1.0
THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION			shop.zolix.com.cn					