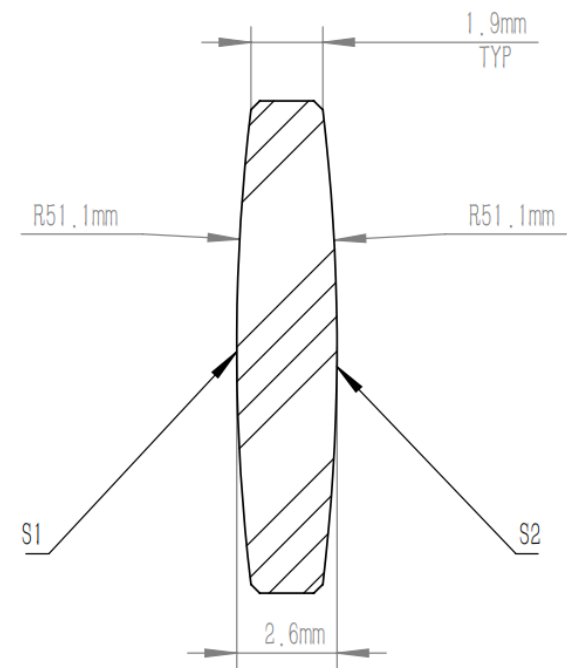
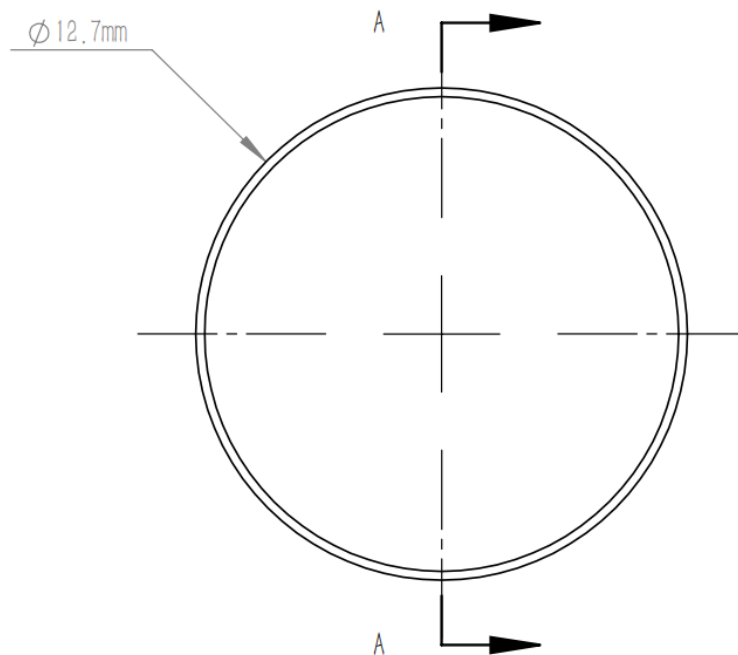




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm–1650 nm
3. DIAMETER TOLERANCE: +0.0/−0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: 50.0 mm±1%
6. BACK FOCAL LENGTH(REF): 49.1 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE POWER(S2): $3\lambda/2$ @ 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_{avg} <0.5% @ 1100 nm–1650 nm

DRAWING PROJECTION 			OLA-127-50-C		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					