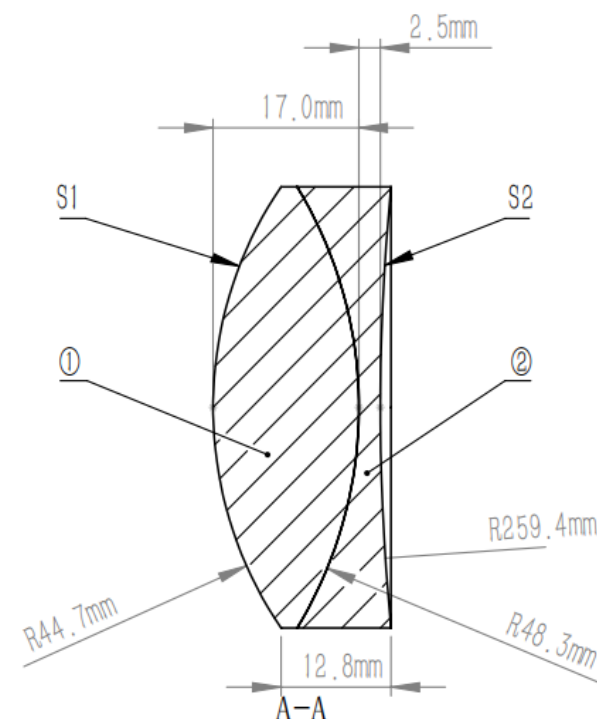
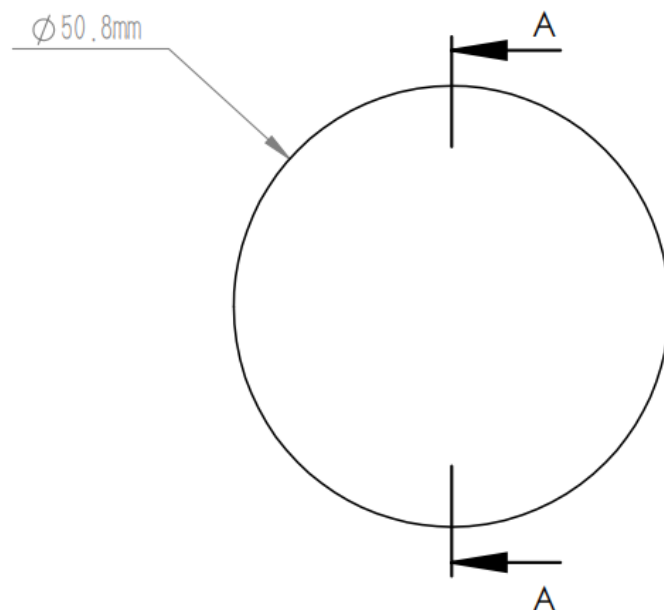




1. DESIGN WAVELENGTH: 1016.0 nm, 1330.0 nm & 1550.0 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 1100 nm—1650 nm
4. DIAMETER TOLERANCE: +0.0/−0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 100.0 mm±1%@1330.0 nm
7. BACK FOCAL LENGTH(REF): 83.0 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2): $3\lambda/2@632.8\text{ nm}$
10. SURFACE IRREGULARITY(S1,S2): $\lambda/4@632.8\text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{\text{avg}} < 0.5\% @ 1100\text{ nm} - 1650\text{ nm}$

DRAWING PROJECTION 			ZAC508-100-C		Zolix			
	NAME	DATE						
DRAWN	JAC	18th/JUL./2025	ACHROMATIC DOUBLET		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					