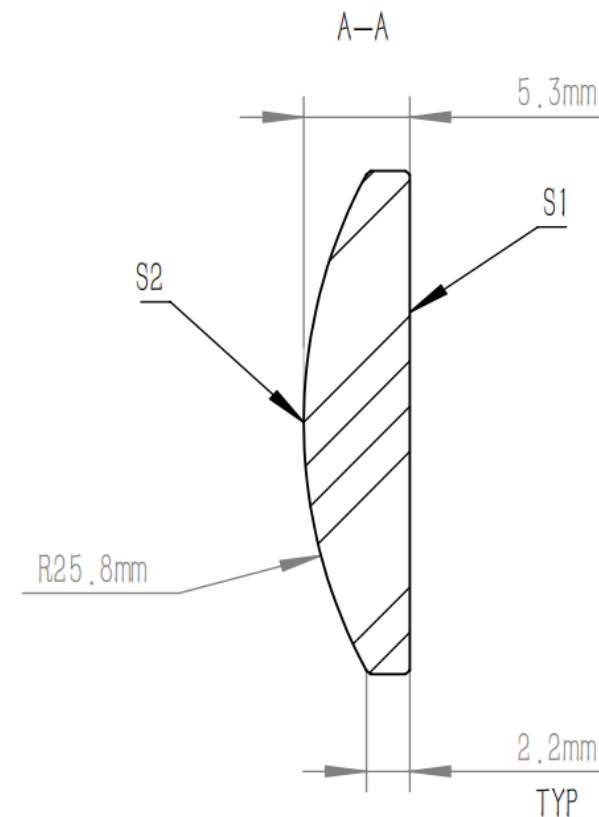
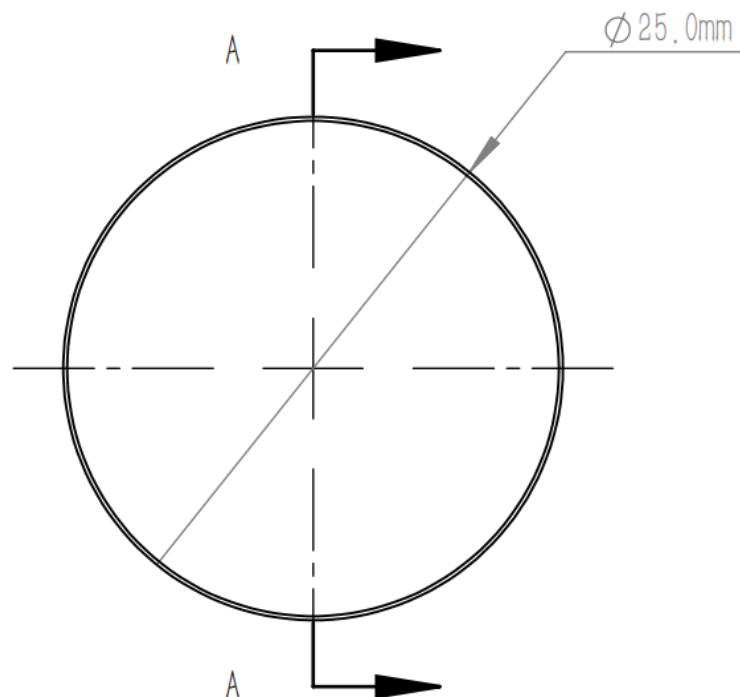




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm–700 nm
3. DIAMETER TOLERANCE: +0.0/−0.1 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=50.0$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=46.6$ mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8 nm
10. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
11. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING $R_{avg}<0.5\%$ @ 400 nm–700 nm

DRAWING PROJECTION 			OLB-250-50-A		Zolix			
	NAME	DATE			PLANO CONVEX LENS	MATERIAL	WEIGHT	SCALE
DRAWN	JAC	18th/JUL./2025	FOLLOW THE PARTS			5:1	1.0	
APPROVAL	OLI	18th/JUL./2025	shop.zolix.com.cn					
THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION								