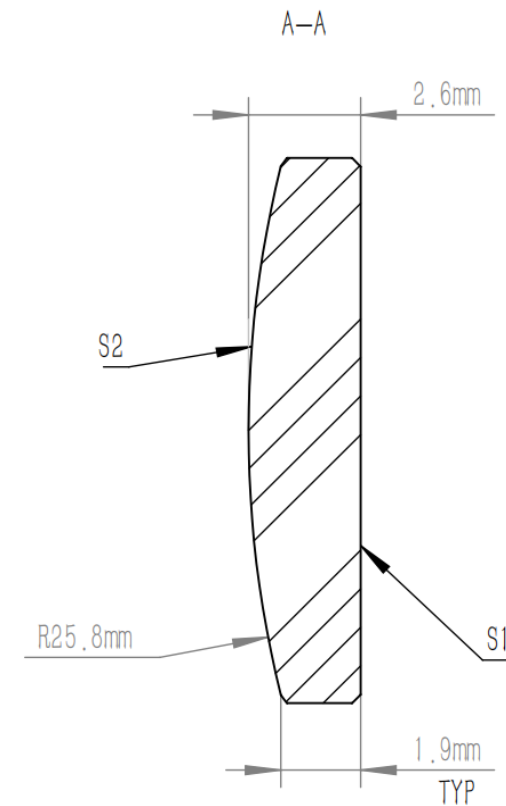
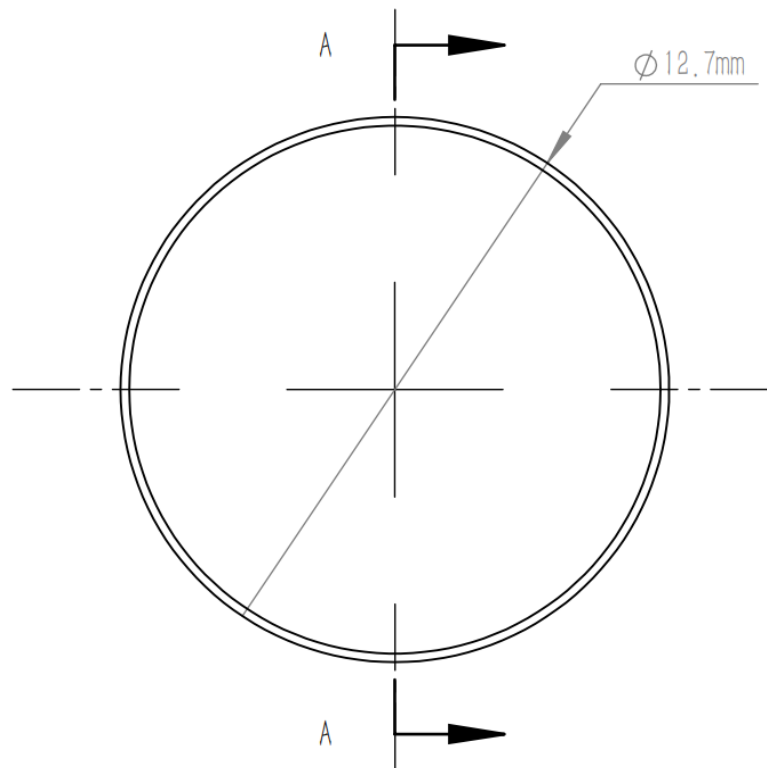




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm—1650 nm
3. DIAMETER TOLERANCE: +0.0/−0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: $f=50.0\text{ mm}\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=48.1\text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8\text{ nm}$
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8\text{ nm}$
11. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8\text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING $R_{avg}<0.5\% @ 1100\text{ nm}—1650\text{ nm}$

DRAWING PROJECTION						OLB-127-50-C				Zolix			
	NAME	DATE											
DRAWN	JAC	18th/JUL./2025	PLANO 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						