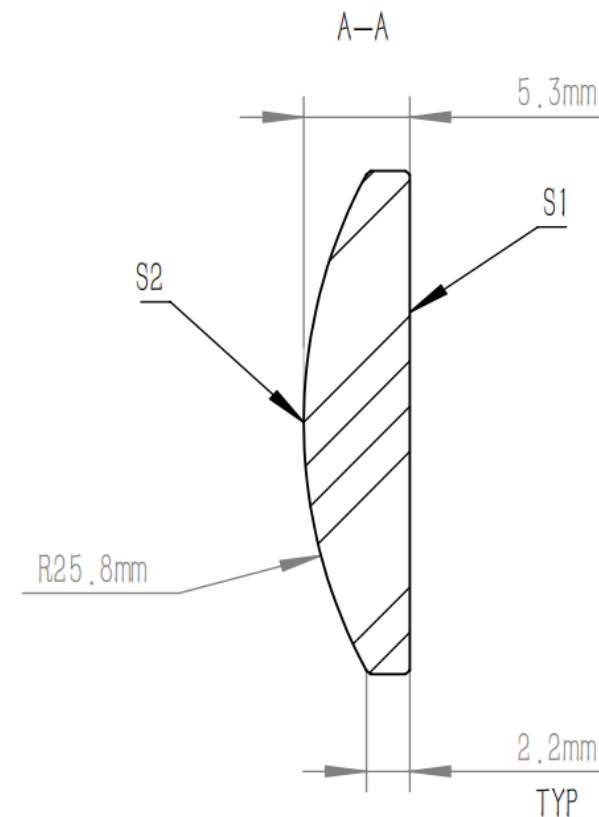
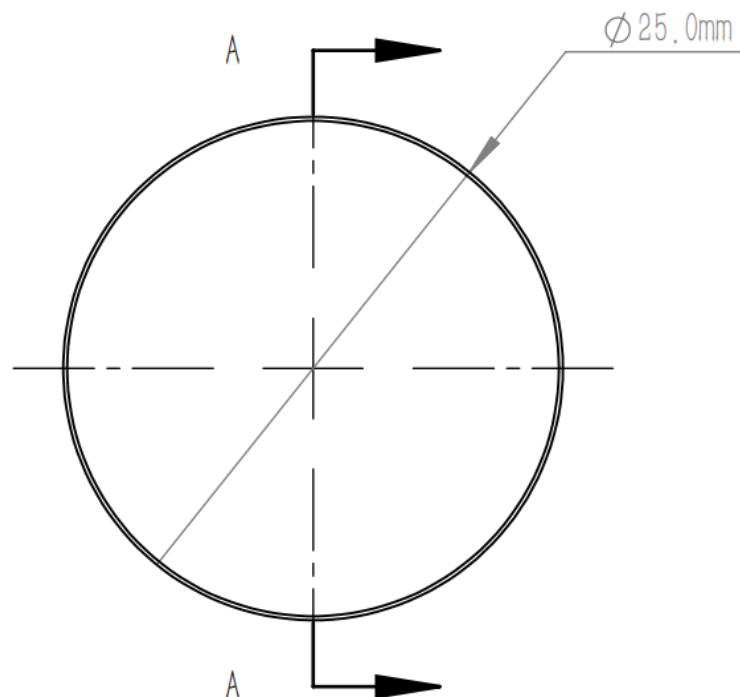




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm—1650 nm
3. DIAMETER TOLERANCE: +0.0/−0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=50.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=46.6 \text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. 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<br> |      |                | OLB-250-50-C      |  | <b>Zolix</b>      |        |       |     |
|                                                                                                             | NAME | DATE           | PLANO CONVEX LENS |  | MATERIAL          | WEIGHT | SCALE | REV |
| 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                                                        |      |                |                   |  |                   |        |       |     |