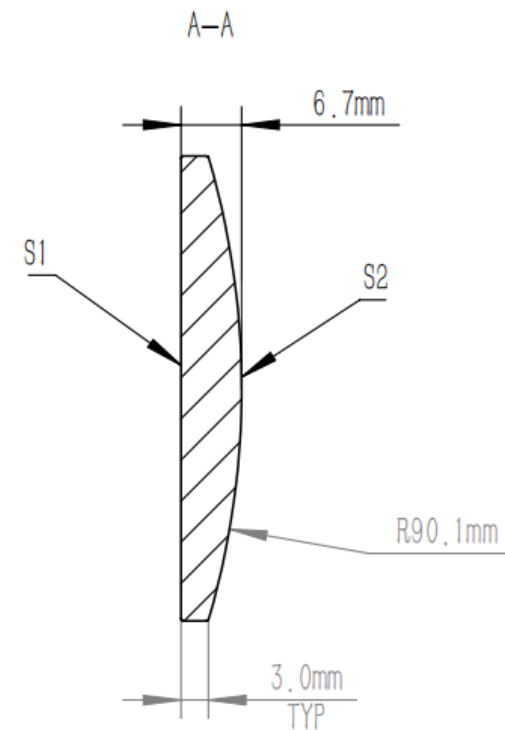
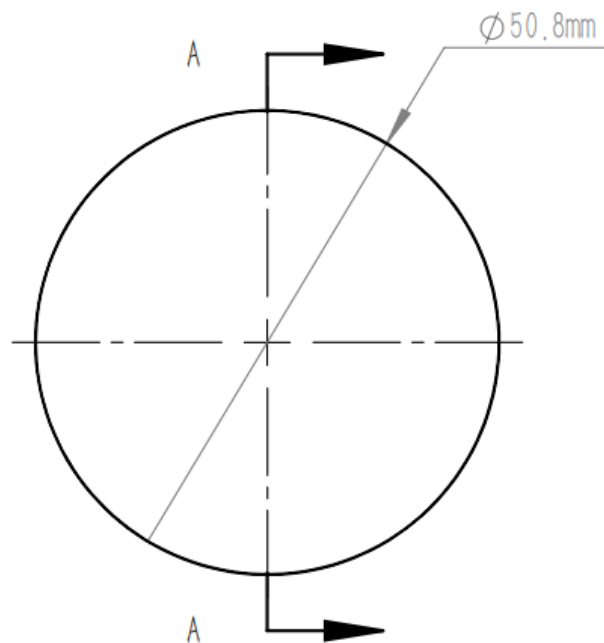




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm—1100 nm
3. DIAMETER TOLERANCE: +0.0/−0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=175.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=170.0 \text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. 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  $R_{avg} < 0.5\% @ 700 \text{ nm} - 1100 \text{ nm}$

|                                                                                                          |      |                |                   |  |                   |          |        |       |
|----------------------------------------------------------------------------------------------------------|------|----------------|-------------------|--|-------------------|----------|--------|-------|
| DRAWING PROJECTION  |      |                | OLB-508-175-B     |  | <b>Zolix</b>      |          |        |       |
|                                                                                                          | 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                                                     |      |                |                   |  |                   |          |        |       |