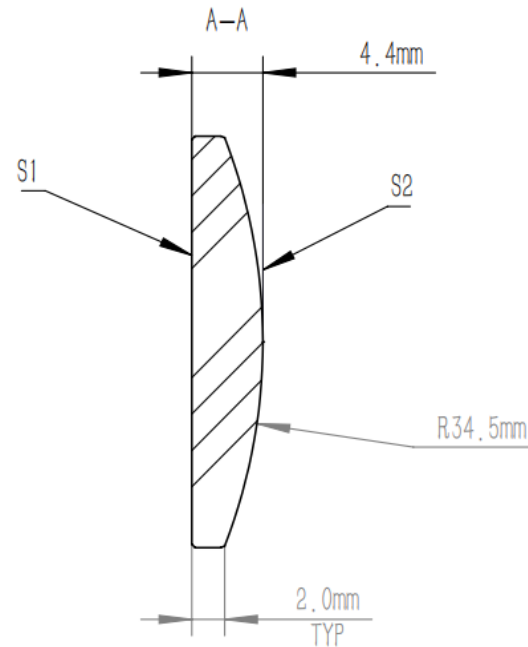
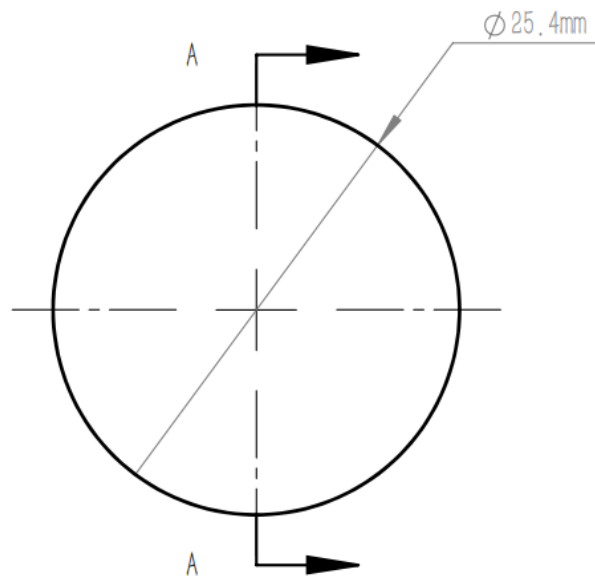




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm—700 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=75.3$  mm  $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=72.2$  mm
7. CLEAR APERTURE:  $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
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,  $45^\circ$
14. COATING(S1,S2): AR COATING  $R_{avg}<0.5\%$  @ 400 nm—700 nm

|                                                      |      |                |                                                                                       |  |  |                     |        |       |                                                                                       |  |  |  |  |
|------------------------------------------------------|------|----------------|---------------------------------------------------------------------------------------|--|--|---------------------|--------|-------|---------------------------------------------------------------------------------------|--|--|--|--|
| DRAWING PROJECTION                                   |      |                |  |  |  | OLBQ - 254 - 75 - A |        |       |  |  |  |  |  |
|                                                      | NAME | DATE           |                                                                                       |  |  |                     |        |       |                                                                                       |  |  |  |  |
| DRAWN                                                | JAC  | 18th/JUL./2025 |                                                                                       |  |  | PLANO CONVEX LENS   |        |       |                                                                                       |  |  |  |  |
| APPROVAL                                             | OLI  | 18th/JUL./2025 |                                                                                       |  |  |                     |        |       |                                                                                       |  |  |  |  |
| THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION |      |                |                                                                                       |  |  |                     |        |       |                                                                                       |  |  |  |  |
|                                                      |      |                |                                                                                       |  |  | MATERIAL            | WEIGHT | SCALE | REV                                                                                   |  |  |  |  |
|                                                      |      |                |                                                                                       |  |  | FOLLOW THE PARTS    |        | 5:1   | 1.0                                                                                   |  |  |  |  |
|                                                      |      |                |                                                                                       |  |  | shop.zolix.com.cn   |        |       |                                                                                       |  |  |  |  |