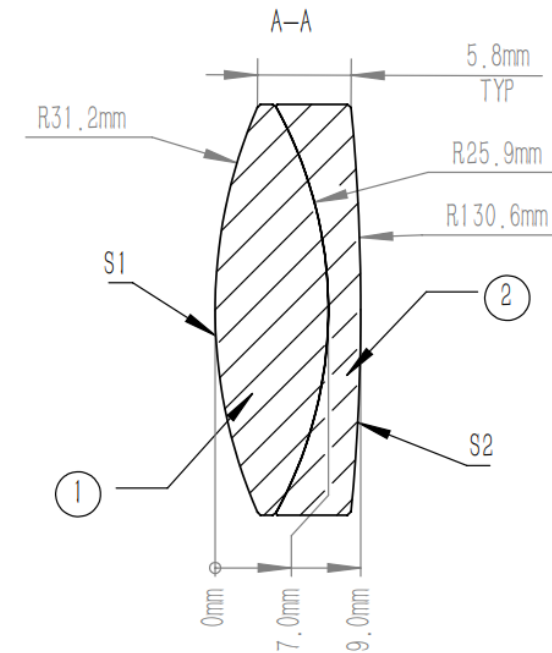
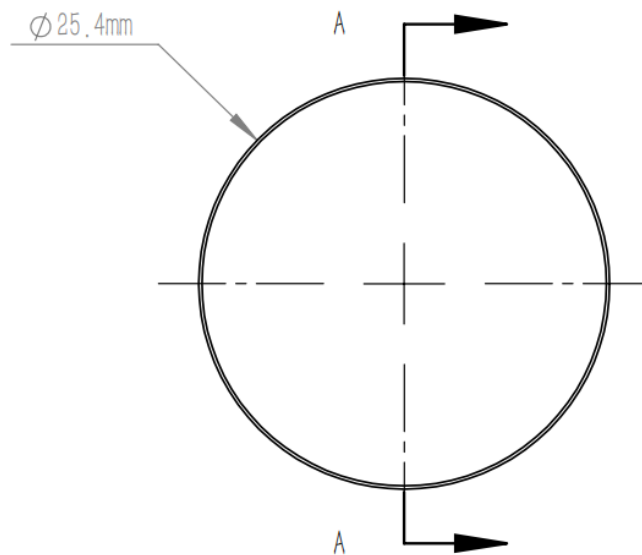




1. DESIGN WAVELENGTH: 486.1 nm, 587.6 nm & 656.3 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 400 nm–700 nm
4. DIAMETER TOLERANCE: +0.0/–0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 45.0 mm ±1% @ 587.6 nm
7. BACK FOCAL LENGTH(REF): 40.2 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2):  $3\lambda/2$  @ 632.8 nm
10. SURFACE IRREGULARITY(S1,S2):  $\lambda/4$  @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING  $R_{avg}$  <0.5% @ 400 nm–700 nm

|                                                                                                          |      |                |                     |  |                  |        |       |     |
|----------------------------------------------------------------------------------------------------------|------|----------------|---------------------|--|------------------|--------|-------|-----|
| DRAWING PROJECTION  |      |                | ZAC254-045-A        |  | <b>Zolix</b>     |        |       |     |
|                                                                                                          | NAME | DATE           |                     |  |                  |        |       |     |
| DRAWN                                                                                                    | JAC  | 18th/JUL./2025 | ACHROMATIC DOUBLETS |  | 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   |  |                  |        |       |     |