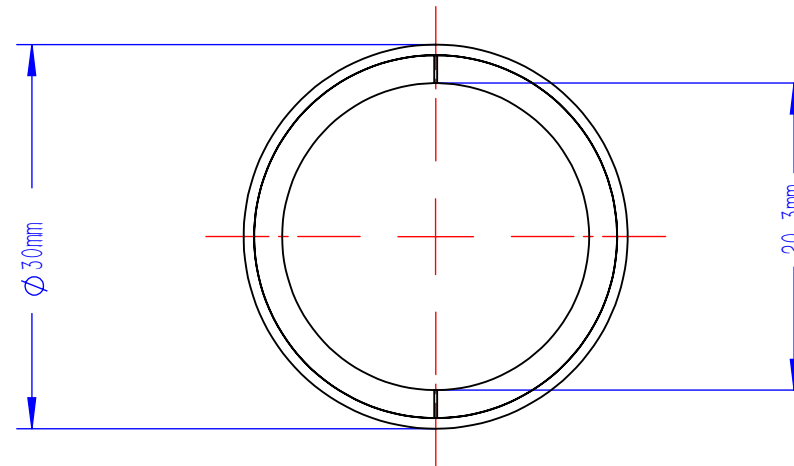
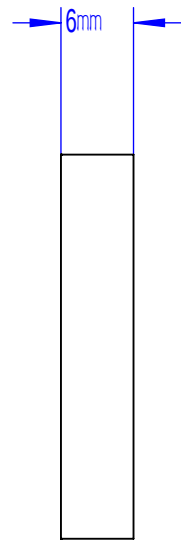




- 1.Design Wavelength: 1064 nm
- 2.Diameter: 20 mm
- 3.Delay:  $\lambda/2$
- 4.Material: Crystal Quartz
- 5.Diameter Tolerance: +0.00 / -0.20 mm
- 6.Retardance Accuracy:  $< \lambda/300$
- 7.Clear Aperture:  $\geq 90\%$  of central diameter
- 8.Surface Quality: 20-10 cratch-dig
- 9.Wavefront Distortion:  $\lambda/8$  @ 632.8nm over clear aperture
- 10.Parallelism:  $\leq 10$  arcsec
- 11.Coating:  $R < 0.25\%$  per surface at design wavelength

|                                                                                                          |      |                |                                      |  |                   |        |       |     |
|----------------------------------------------------------------------------------------------------------|------|----------------|--------------------------------------|--|-------------------|--------|-------|-----|
| DRAWING PROJECTION  |      |                | QWTZ020-1064-2M                      |  | <b>Zolix</b>      |        |       |     |
|                                                                                                          | NAME | DATE           | QUARTZ TRUE ZERO-<br>ORDER WAVEPLATE |  | MATERIAL          | WEIGHT | SCALE | REV |
| DRAWN                                                                                                    | JAC  | 11th/Sep./2024 |                                      |  |                   |        |       |     |
| APPROVAL                                                                                                 | OLI  | 11th/Sep./2024 |                                      |  | FOLLOW THE PARTS  |        | 2:1   |     |
| THE DRAWINGS ARE ONLY FOR<br>TYPE SELECTION INFORMATION                                                  |      |                |                                      |  | shop.zolix.com.cn |        |       |     |