



NOTES

1. DESIGN WAVELENGTH: 1064 nm
2. CLEAR APERTURE: >90% CA
3. DELAY: $m\lambda + \lambda/2$
4. DELAY TOLERANCE: $\pm \lambda/300$
5. WAVEFRONT ERROR(RMS): $\lambda/10$ @633 nm
6. AR COATING(S1,S2): V coating @1064 nm
 $R_{avg} < 0.25\%$ (6° AOI, SINGLE SURFACE)
7. CHAMFER: 45° , <math><0.2\text{ mm}</math>
8. SURFACE QUALITY(S1,S2): 10/5(S/D)
9. PARALLELISM(S1,S2): <math><3\text{ arcsec}</math>
10. THE FAST AXIS IS PARALLEL TO THE CUT EDGE

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| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | LZHOU | JUL./19th/24 | QUARTZ MULTI-ORDER WAVEPLATE $\varnothing 25.4\text{ mm}, \lambda/2@1064\text{ nm}$ | | | |
| APPROVAL | WCHENG | JUL./19th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | QUARTZ | 1.3 g | 2:1 | B |