



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER: $\phi 25.4 +0/-0.1$ mm
3. ELEMENT THICKNESS: 3.2 ± 0.1 mm
4. TRIMMING WIDTH: 0.7 ± 0.05 mm
5. OPTICAL APERTURE: $\phi 21.5$ mm
6. WORKING WAVELENGTH: 1030 nm
7. RETARDANCE: $\lambda / 2 \pm \lambda / 200$
8. SURFACE QUALITY (S/D) : 40/20
9. TRANSMITTANCE: >98 %
10. AR COATING (S1, S2) : $R_{avg} < 0.7$ %@700-1100 nm
11. THE FAST AXIS IS PARALLEL TO THE TRIMMING DIRECTION

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|--------------------------------------------------------|--------|--------------|-----------------|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | HWP25-1030A | | | |
| DRAWN | LTAN | JUN./23rd/25 | Half Wave Plate | | | |
| APPROVAL | WCHENG | JUN./23rd/25 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | LCP/N-BK7 | 4 g | 2:1 | A |