



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: 442 nm
7. RETARDANCE: $\lambda / 2 \pm \lambda / 100$
8. SURFACE QUALITY (S/D) : 40/20
9. TRANSMITTANCE: >93 %
10. AR COATING (S1, S2) : $R_{avg} < 0.5$ %@400-700 nm
11. THE FAST AXIS IS PARALLEL TO THE TRIMMING DIRECTION

DRAWING PROJECTION			LBTEK			
	NAME	DATE	HWP25-442A			
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