



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER:  $\varnothing 25.4 +0/-0.1$  mm
3. ELEMENT THICKNESS:  $3.2 \pm 0.1$  mm
4. TRIMMING WIDTH:  $0.7 \pm 0.05$  mm
5. OPTICAL APERTURE:  $\varnothing 21.5$  mm
6. WORKING WAVELENGTH: 980 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

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	HWP25-980A			
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