



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER: $\varnothing 25.4 +0/-0.1\text{ mm}$
3. ELEMENT THICKNESS: $3.2 \pm 0.1\text{ mm}$
4. TRIMMING WIDTH: $0.7 \pm 0.05\text{ mm}$
5. OPTICAL APERTURE: $\varnothing 21.5\text{ mm}$
6. WORKING WAVELENGTH: 633 nm
7. RETARDANCE: $\lambda/2 \pm \lambda/100$
8. SURFACE QUALITY (S/D) : 40/20
9. TRANSMITTANCE: $>98\%$
10. AR COATING (S1, S2) : $R_{\text{avg}} < 0.5\% @ 400-700\text{ nm}$
11. THE FAST AXIS IS PARALLEL TO THE TRIMMING DIRECTION

DRAWING PROJECTION			LBTEK			
	NAME	DATE	HWP25-633A			
DRAWN	SHAN	JUL./16th/24	Half Wave Plate			
APPROVAL	WCHENG	JUL./16th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			LCP/N-BK7	0.004 Kg	2:1	B