



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER: $\varnothing 25.4 +0/-0.1$ mm
3. ELEMENT THICKNESS: 3.2 ± 0.05 mm
4. CLEAR APERTURE: $\varnothing 21.5$ mm
5. WORKING WAVELENGTH: 1064 nm
6. SURFACE QUALITY: 40/20
7. TRANSMITTANCE: >98 %
8. SPLITTING MODE: 1 x 9
9. SEPARATION ANGLE: 0.3 °
10. AR COATING(S1, S2): $R_{\text{avg}} < 0.5 \% @ 700-1100$ nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	LCBS25-1064-0109-000030			
DRAWN	SHAN	SEP./3rd/24	Liquid Crystal Beam Splitter			
APPROVAL	XLIU	SEP./3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			LCP/N-BK7	0.004 Kg	2:1	A