



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER:  $\varnothing 25.4 +0/-0.1$  mm
3. ELEMENT THICKNESS:  $3.2 \pm 0.05$  mm
4. CLEAR APERTURE:  $\varnothing 21.5$  mm
5. WORKING WAVELENGTH: 532 nm
6. SURFACE QUALITY: 40/20
7. TRANSMITTANCE:  $>97\%$
8. SPLITTING MODE:  $1 \times 9$
9. SEPARATION ANGLE:  $0.15^\circ$
10. AR COATING(S1, S2):  $R_{\text{avg}} < 0.5\% @ 400-700$  nm

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	LCBS25-532-0109-000015			
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	B