



NOTES:

1. COMPONENT MATERIAL: LCP/N-BK7
2. DIAMETER TOLERANCE: $\varnothing 25.4 +0/-0.1$ mm
3. THICKNESS TOLERANCE: 3.2 ± 0.05 mm
4. CUTTING TOLERANCE: 1.5 ± 0.05 mm
5. CLEAR APERTURE: 15×15 mm
6. WORKING WAVELENGTH: 1064 nm
7. DELAY: $\lambda / 2 \pm 5$ nm
8. DIFFRACTION EFFICIENCY: $>75\%$
9. UNIFORMITY: $>85\%$
10. BEAM SPLITTING: 1×7
11. TRANSMITTANC: $>98\%$
12. WAVEFRONT ERROR(RMS): $< \lambda / 4 @ 633$ nm
13. SURFACE QUALITY: 60/40(S/D)
14. AR COATING(S1, S2): $R_{avg} < 0.5\% @ 700-1100$ nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	DG25-1704-1064			
DRAWN	SHAN	SEP./3rd/24	Dammann Grating			
APPROVAL	XLIU	SEP./3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			LCP/N-BK7	0.004Kg	2:1	A