



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm-1650 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=25.4$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=17.6$ mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D) (S1, S2) : 40/20
9. SURFACE FLATNESS (S1) : $\lambda/2$ @ 632.8 nm
10. SURFACE POWER (S2) : $3\lambda/2$ @ 632.8 nm
11. SURFACE IRREGULARITY (S2) : $\lambda/4$ @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING (S1, S2) : AR COATING $R_{avg}<0.5\%$ @1100-1650 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX10606-C			
DRAWN	BSHU	JUL./24th/24	$\varnothing 25.4$ mm, $f=25.4$ mm PLANO CONVEX LENS AR COATING 1100-1650 nm			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	9.57g	2:1	A