



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: -100.0 mm±1%
6. BACK FOCAL LENGTH(REF): -102.6 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE POWER(S2):  $3\lambda/2 @ 632.8 \text{ nm}$
11. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING Ravg <0.5% @ 1100 nm-1650 nm

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CC10613-C			
DRAWN	BSHU	JUL./29th/24	$\phi 25.4 \text{ mm}, f=-100.0 \text{ mm}$ PLANO CONCAVE LENS AR COATING 1100-1650nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	5.92 g	2:1	A