



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0  $\mu\text{m}$
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. CLEAR APERTURE: >90%CA
5. THICKNESS TOLERANCE:  $\pm 0.1$  mm
6. FOCAL LENGTH:  $f=20.0$  mm  $\pm 1\%$
7. BACK FOCAL LENGTH(REF):  $bf=15.3$  mm
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): UNCOATED

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CX10404			
DRAWN	BSHU	JUL./19th/24	$\phi 18$ mm, $f=20$ mm PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUL./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	2.95 g	2:1	A