



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0  $\mu$ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm$ 0.1 mm
5. FOCAL LENGTH:  $f=20.0$  mm $\pm$ 1%
6. BACK FOCAL LENGTH(REF):  $bf=17.3$  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): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CX10304	N-BK7
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MCX10304			
DRAWN	BSHU	Aug./5th/24	$\phi$ 12.7 mm, $f=20$ mm PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	4.38 g	2:1	B