



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: f=100.0 mm±1%
6. BACK FOCAL LENGTH(REF): bf=98.2 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): λ/2 @ 632.8 nm
10. SURFACE POWER(S2): 3λ/2 @ 632.8 nm
11. SURFACE IRREGULARITY(S2): λ/4 @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING Ravg <0.5% @ 700 nm-1100 nm

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CX10313-B	N-BK7
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK			
	NAME	DATE	MCX10313-B				
DRAWN	BSHU	Aug./12th/24	Ø12.7 mm, f=100 mm PLANO CONVEX LENS AR COATING 700-1100 nm				
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	3.88 g	2:1	B	