



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: 15.0 mm ±1%
6. BACK FOCAL LENGTH(REF): 13.4 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): 3λ/2 @ 632.8 nm
10. SURFACE IRREGULARITY(S2): λ/4 @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	BCX10303	N-BK7
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MBCX10303			
DRAWN	BSHU	Aug./19th/24	ϕ 12.7 mm, F=15.0 mm BI-CONVEX LENS UNCOATED			
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	9.42 g	2:1	B