



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 200 nm-8.0 μ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: \pm 0.1 mm
5. FOCAL LENGTH: 15.0 mm \pm 1%
6. BACK FOCAL LENGTH(REF): 12.9 mm
7. CLEAR APERTURE: $>$ 90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): $3 \lambda / 2 @ 632.8$ nm
10. SURFACE IRREGULARITY(S2): $\lambda / 4 @ 632.8$ 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	BCX70303	CAF2
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK			
	NAME	DATE	MBCX70303				
DRAWN	BSHU	Aug./19th/24	ϕ 12.7 mm, F=15.0 BI-CONVEX LENS UNCOATED				
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CaF2	9.60 g	2:1	B	