



	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	BCC70612	CaF2
③	SM1R	ANODIZED ALUMINIUM

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: -75.0 mm \pm 1%
6. BACK FOCAL LENGTH(REF): -75.7 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S1, S2): $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY(S1, S2): $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1, S2): UNCOATED

DRAWING PROJECTION			LBTEK			
		NAME	DATE	MBCC70612		
DRAWN	BSHU	Aug. /19th/24	ϕ 25.4 mm, f=-75.0 mm BICONCAVE LENS UNCOATED			
APPROVAL	WCHENG	Aug. /19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CaF2	19.41g	2:1	A