



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 200 nm-8000 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: $f = -50.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH: $bf = -51.0 \text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S1, S2): $3\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S1, S2): $\lambda/4 @ 632.8 \text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1, S2): UNCOATING

	PART DESCRIPTION	MATERIAL
①	SM1-12.5A	ANODIZED ALUMINIUM
②	BCC70610	CAF2
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK				
		NAME		DATE		MBCC70610		
DRAWN		BSHU	Aug. /19th/24		$\phi 25.4 \text{ mm}, F = -50.0$ BI-CONCAVE LENS Uncoated: 200 nm-8000 nm			
APPROVAL		WCHENG	Aug. /19th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES					CAF2	26.82g	2:1	A