



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 200 nm-8.0  $\mu$ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm$ 0.1 mm
5. FOCAL LENGTH: 40.0 mm  $\pm$ 1%
6. BACK FOCAL LENGTH(REF): 38.9 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	BCX70309	CAF2
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION		<b>LBTEK</b>				
	NAME	DATE	MBCX70309			
DRAWN	BSHU	Aug./19th/24	D=12.7 mm, f=40.0 mm BI- CONVEX LENS Uncoated			
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CaF2	3.66 g	3:1	B