



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 190 nm-2.1 μ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: \pm 0.1 mm
5. FOCAL LENGTH: $f=40.1$ mm \pm 1%
6. BACK FOCAL LENGTH(REF): $bf=35.3$ mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8 nm
10. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
11. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1, S2): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	CX20609	UVFS
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK				
		NAME		DATE		MCX20609		
DRAWN		BSHU	JUN./24th/25		$\phi 25.4$ mm, $f=40.1$ mm PLANO CONVEX LENS UNCOATED			
APPROVAL		WCHENG	JUN./24th/25		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES					UVFS	20.14g	2:1	C