



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 190 nm-2.1  $\mu$ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm$ 0.1 mm
5. FOCAL LENGTH:  $f=501.8$  mm $\pm$ 1%
6. BACK FOCAL LENGTH(REF):  $bf=500.2$  mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S2):  $\lambda/2$  @ 632.8 nm
10. SURFACE POWER(S1):  $3\lambda/2$  @ 632.8 nm
11. SURFACE IRREGULARITY(S1):  $\lambda/4$  @ 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	CX20621	UVFS
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<b>LBTEK</b>					
		NAME		DATE		MCX20621			
DRAWN		SHAN		JUN./25th/25		$\phi$ 25.4 mm, $f=501.8$ mm PLANO CONVEX LENS UNCOATED			
APPROVAL		WCHENG		JUN./25th/25		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES						UVFS	18.87g	2:1	C