



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: 500.0 mm±1%
6. BACK FOCAL LENGTH(REF): 499.2 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2):  $3\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8 \text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	BCX10621	N-BK7
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
			MBCX10621			
			∅ 25.4 mm, F=500.0 mm BI-CONVEX LENS UNCOATED			
	NAME	DATE	MATERIAL	WEIGHT	SCALE	REV
DRAWN	BSHU	Aug./19th/24				
APPROVAL	WCHENG	Aug./19th/24	N-BK7	20.55g	2:1	B
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES						