



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: f=50.0 mm±1%
6. BACK FOCAL LENGTH(REF): bf=46.6 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): λ/2 @ 632.8 nm
10. SURFACE POWER(S2): 3λ/2 @ 632.8 nm
11. SURFACE IRREGULARITY(S2): λ/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	CX10510	N-BK7
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION			LBTEK			
			MCX10510			
			Ø25 mm, f=50 mm PLANO CONVEX LENS UNCOATED			
	NAME	DATE	MATERIAL	WEIGHT	SCALE	REV
DRAWN	BSHU	Aug./5th/24				
APPROVAL	WCHENG	Aug./5th/24				
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	22.35g	2:1	B