



	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CC10310	N-BK7
③	SM05R	ANODIZED ALUMINIUM



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: -50.0 mm±1%
6. BACK FOCAL LENGTH(REF): -52.1 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

DRAWING PROJECTION			LBTEK			
			MCC10310			
DRAWN		BSHU	DATE		Aug./19th/24	
APPROVAL		WCHENG	DATE		Aug./19th/24	
			Ø 12.7 mm, f=-50.0 mm PLANO CONCAVE LENS UNCOATED			
			MATERIAL	WEIGHT	SCALE	REV
			N-BK7	9.62 g	2:1	B
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES						