



	PART DESCRIPTION	MATERIAL
①	SM1-12.5A	ANODIZED ALUMINIUM
②	BCC10612-A	N-BK7
③	SM1R	ANODIZED ALUMINIUM



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: -75.0 mm±1%
6. BACK FOCAL LENGTH(REF): -75.9 mm
7. SURFACE QUALITY(S/D) (S1.S2) : 40/20
8. SURFACE POWER (S1.S2) :  $3\lambda/2 @ 632.8 \text{ nm}$
9. SURFACE IRREGULARITY (S1.S2) :  $\lambda/4 @ 632.8 \text{ nm}$
10. CENTRATION: <3 arcmin
11. CHAMFER: <0.2 mm, 45°
12. COATING (S1, S2) : AR COATING  $R_{avg} < 0.5\% @ 400 \text{ nm}-700 \text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MBCC10612-A			
DRAWN	BSHU	Aug./19th/24	$\phi 25.4 \text{ mm}, f=-50.0$ BI-CONCAVE LENS AR COATING 400 nm-700 nm			
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	26.66g	2:1	B