



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: 20.0 mm±1%
6. BACK FOCAL LENGTH(REF): 18.7 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1, S2): AR COATING R_{avg} <0.5% @ 400 nm-700 nm

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	BCX10304-A	N-BK7
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>											
		NAME		DATE		MBCX10304-A									
DRAWN		BSHU		Aug. /19th/24		ϕ 12.7 mm, F=20.0 mm BI-CONVEX LENS AR COATING 400-700 nm									
APPROVAL		WCHENG		Aug. /19th/24		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">MATERIAL</td> <td style="width: 15%;">WEIGHT</td> <td style="width: 15%;">SCALE</td> <td style="width: 45%;">REV</td> </tr> <tr> <td>N-BK7</td> <td>9.29 g</td> <td>2:1</td> <td>B</td> </tr> </table>		MATERIAL	WEIGHT	SCALE	REV	N-BK7	9.29 g	2:1	B
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FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES															