



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: \pm 0.1 mm
5. FOCAL LENGTH: -50.0 mm \pm 1%
6. BACK FOCAL LENGTH(REF): -50.8 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): UNCOATED

| | PART DESCRIPTION | MATERIAL |
|---|------------------|--------------------|
| ① | SM1-12.5A | ANODIZED ALUMINIUM |
| ② | BCC10610 | N-BK7 |
| ③ | SM1R | ANODIZED ALUMINIUM |

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|--|--|----------|--------------|--|----------|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | | | |
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| | | NAME | DATE | MBCC10610 | | | | |
| | | DRAWN | BSHU | ϕ 25.4 mm, F=-50.0 BI-CONCAVE LENS UNCOATED | | | | |
| | | APPROVAL | WCHENG | Aug./19th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | | N-BK7 | 30.00g | 2:1 | B | |