



剖面 A-A



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400-1100 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THKKNES TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=100.3$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=93$ mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8$ nm
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8$ nm
11. SURFACE RREGULARITY(S2): $\lambda/4 @ 632.8$ nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. AR COATING(S1,S2): $R_{avg}<1\%$ @400-1100 nm (6° AOI, single)

| | PART DESCRIPTION | MATERIAL |
|---|------------------|--------------------|
| ① | SM2-16.5A | ANODIZED ALUMINIUM |
| ② | CX20813-AB | UVFS |
| ③ | SM2R | ANODIZED ALUMINIUM |

| | | | | | | | |
|--|------|--------------|-------------------|--------------|-------|-----|--|
| DRAWING PROJECTION | | | | LBTEK | | | |
| | NAME | DATE | MCX20813-AB | | | | |
| DRAWN | AGAO | MAY./26th/25 | PLANO CONVEX LENS | | | | |
| APPROVAL | SHAN | MAY./26th/25 | MATERIAL | WEIGHT | SCALE | REV | |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N/A | 55.28g | 1:1 | A | |