



| | PART DESCRIPTION | MATERIAL |
|---|------------------|--------------------|
| ① | SM1-12.5A | ANODIZED ALUMINIUM |
| ② | ADN406-A | N-BAF10 |
| | | N-SF6HT |
| ③ | SM1R | ANODIZED ALUMINIUM |



NOTES

1. MATERIAL: N-BAF10/N-SF6HT
2. DESIGN WAVELENGTH: 486.1 nm, 587.6 nm & 656.3 nm
3. CLEAR APERTURE: >90%CA
4. OPERATION WAVELENGTH: 400 nm-700 nm
5. DIAMETER TOLERANCE: +0.0/-0.1 mm
6. THICKNESS TOLERANCE: ±0.2 mm
7. FOCAL LENGTH: -50.0 mm ±1%@587.6 nm
8. BACK FOCAL LENGTH(REF): -53.1 mm
9. SURFACE QUALITY (S/D) (S1,S2) : 40/20
10. SURFACE POWER (S1,S2) : $3\lambda/2@632.8$ nm
11. SURFACE IRREGULARITY(S1,S2): $\lambda/4@632.8$ nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING (S1,S2) : AR COATING Ravg<0.5%@400 nm-700 nm

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|--|--------|-------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
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| | NAME | DATE | MADN406-A | | | |
| DRAWN | BSHU | Aug./5th/24 | $\phi 25.4$ mm, F=-50.0 mm ACHROMATIC DOUBLETS AR COATING 400-700 nm | | | |
| APPROVAL | WCHENG | Aug./5th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BAF10/N-SF6HT | 13.75g | 2:1 | B |