



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6nm
- FOCAL LENGTH: $f=19.9\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=19.0\text{mm}$
- CLEAR APERTURE: $>90\%$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $<3\text{arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
- COATING: BBAR $R_{avg} < 0.5\%$ FROM 650nm-1050nm, 0° AOI, ON OUTER OPTICAL SURFACES

ALL DIMENSIONS ARE IN THE FORM $\frac{\text{[in]}}{\text{mm}}$

THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

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|---|------|---|---|--------|-------|-----|
| DRAWING PROJECTION | |  |  | | | |
| | NAME | DATE | D9.0 F=20.0 N-BK7 B Coated Bi Convex Lens | | | |
| DRAWN | CWD | 2022/5/18 | EX1009-20-B | | | |
| APPROVAL | ZSB | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES | | | N-BK7 | | 6:1 | A |