



NOTES

1. MATERIAL: N-BK7
2. DESIGN WAVELENGTH: 587.6 nm
3. WORKING WAVELENGTH: 400 nm-700 nm
4. FOCAL LENGTH: -7.7 mm
5. FOCAL LENGTH TOLERANCE(REF): $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf = -9.0$ mm
7. CLEAR APERTURE: $> 90\%$ OF SURFACE LENGTH AND HEIGHT
8. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
9. THICKNESS TOLERANCE: ± 0.2 mm
10. CHAMFER: < 0.2 mm, 45°
11. SURFACE QUALITY: 60/40 SCRATCH/DIG
12. SURFACE FLATNESS(S1): $\lambda/2$
13. SURFACE POWER(S2): $3 \lambda/2$
14. SURFACE IRREGULARITY(S2): λ (S2 H), λ (S2 L)
15. CENTRATION: ≤ 5 arcmin
16. AR COATING: $R_{avg} < 0.5\%$ @ 400 nm-700 nm, 6° AOI

| | | | | | | |
|--|--------|--------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | | | | | | |
| | NAME | DATE | NCY103205-A | | | |
| DRAWN | BSHU | JUL./29th/24 | H x L = 7.0 mm x 14.0 mm, f = -7.7 mm PLANO CONCAVE CYLINDRICAL LENS AR COATING 400-700 nm | | | |
| APPROVAL | WCHENG | JUL./29th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | 0.62g | 10:1 | C |