



NOTES

1. OPERATION WAVELENGTH: 1100 nm–1700 nm
2. OPTICAL DENSITY(OD): $0.2 \pm 0.01 @ 1100 \text{ nm} - 1700 \text{ nm}$
3. CLEAR APERTURE: $>90\% \text{CA}$
4. DIAMETER TOLERANCE: $+0.00/-0.25 \text{ mm}$
5. THICKNESS TOLERANCE: $\pm 0.3 \text{ mm}$
6. SURFACE QUALITY(S1, S2): 40/20(S/D)
7. SURFACE FLATNESS(S1, S2): $\lambda / 2 @ 632.8 \text{ nm}$
8. PARALLELISM(S1, S2): $<30 \text{ arcsec}$
9. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
10. COATING(S1): NiCrFe
11. OTHER SURFACES: FINE GROUND

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|--------------------------------------------------------|--------|-------------|----------------------------------------------------------------------------------------------------------------------|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | LTAN | NOV./5th/24 | REFLECTIVE ND FILTER $\text{Ø } 25.4 \text{ mm}, \text{OD}=0.2, \text{NiCrFe}, 1100 \text{ nm} - 1700 \text{ nm}$ | | | |
| APPROVAL | WCHENG | NOV./5th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | 2.54 g | 2:1 | A |