



NOTES

1. COATING(S1): AG
 $R_{avg} > 96\% @ 480\text{ nm} - 2.0\ \mu\text{m}$
 $R_{avg} > 97.5\% @ 2.0 - 20\ \mu\text{m} @ 0^\circ - 45^\circ \text{ AOI}$
2. CLEAR APERTURE(S1): $> 80\% \text{ CA}$
3. SURFACE QUALITY(S1): 40/20(S/D)
4. SURFACE FLATNESS(S1): $\lambda/4 @ 633\text{ nm}$
5. CENTRATION: $< 3\text{ arcmin}$
6. CHAMFER: $< 0.2\text{ mm}, 45^\circ$
7. BACK SURFACE(S2): FINE GROUND
8. DIAMETER TOLERANCE: $+0.0/-0.2\text{ mm}$
9. THICKNESS TOLERANCE: $\pm 0.25\text{ mm}$
10. FOCAL LENGTH: $-25\text{ mm} \pm 1\%$

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|--|--------|--------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | BSHU | Aug. /5th/24 | METAL-COATED CONCAVE MIRROR $\phi 12.7\text{ mm}, F = -25\text{ mm}, AG: 450\text{ nm} - 20.0\ \mu\text{m}$ | | | |
| APPROVAL | WCHENG | Aug. /5th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | Borofloat | 0.84 g | 5:1 | D |