



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 5.95 \text{ mm}$
2. SURFACE FLATNESS: $\lambda/10$ AT 633 nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 10-5 SCRATCH-DIG
4. BACK SURFACE: FINE GROUND
5. PARALLELISM: $\leq 3 \text{ arcmin}$
6. THICKNESS TOLERANCE: $\pm 0.2 \text{ mm}$
7. DIAMETER TOLERANCE: $+ 0.0/-0.1 \text{ mm}$
8. DESIGN WAVELENGTH RANGE: 400-750 nm
9. COATING: BROADBAND HR, DIELECTRIC
 $R_s \text{ avg: } >99\% \text{ FROM } 400\text{-}750 \text{ nm}$
 $R_p \text{ avg: } >99\% \text{ FROM } 400\text{-}750 \text{ nm}$
 AOI: 0 TO 45
10. DAMAGE THRESHOLD: 0.25 J/cm^2 , 10 ns PULSE, 10 Hz AT 532 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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| DRAWING PROJECTION | | |  |  | THORLABS www.thorlabs.com | |
| | NAME | DATE | | Ø 7.0 mm BROADBAND MIRROR 400-750 nm | | |
| DRAWN | ST | 27/NOV/17 | | MATERIAL FUSED SILICA | | |
| APPROVAL | BW | 04/NOV/21 | | | | |
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| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | | | | |
| | | | | ITEM # | | APPROX WEIGHT |
| | | | | BB03-E02 | | 0.17 g |