



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \phi 5.95$ 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: ≤ 3 arcmin
6. THICKNESS TOLERANCE: ± 0.2 mm
7. DIAMETER TOLERANCE: $+ 0.0/-0.1$ mm
8. DESIGN WAVELENGTH RANGE: 1280-1600 nm
9. COATING: BROADBAND HR, DIELECTRIC
 $R_{s \text{ avg}}$: $>99\%$ FROM 1280-1600 nm
 $R_{p \text{ avg}}$: $>99\%$ FROM 1280-1600 nm
 AOI: 0° TO 45°
10. DAMAGE THRESHOLD: 2.5 J/cm^2 , 10 ns PULSE, 10 Hz AT 1542 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\phi 7.0$ mm BROADBAND MIRROR 1280-1600 nm	
NAME	DATE			
DRAWN	ST	27/NOV/17	MATERIAL FUSED SILICA	
APPROVAL	BW	04/NOV/21		
COPYRIGHT © 2021 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			BB03-E04	0.17 g