



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 21.6$ mm
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
3. SURFACE FLATNESS (S1): $\lambda/10$ AT 633 nm
(S2): FINE GRIND
4. PARALLELISM: ≤ 3 arcmin
5. THICKNESS TOLERANCE: ± 0.2 mm
6. DIAMETER TOLERANCE: $+ 0.0/-0.1$ mm
7. DESIGN WAVELENGTH RANGE: 1280-1600 nm
8. 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°
9. DAMAGE THRESHOLD: 2.5 J/cm² 10 ns PULSE, 10 Hz AT 1542 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com $\varnothing 25.4$ mm BROADBAND MIRROR 1280-1600 nm	
NAME	DATE			
DRAWN	BAG	25/OCT/10	MATERIAL FUSED SILICA	
APPROVAL	BW	04/NOV/21		
COPYRIGHT © 2021 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			BB1-E04	7 g