



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \text{Ø} 21.6 \text{ mm}$
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
3. SURFACE FLATNESS (S1):  $\lambda/10$  AT 633 nm  
(S2): FINE GRIND
4. PARALLELISM:  $\leq 3 \text{ arcmin}$
5. THICKNESS TOLERANCE:  $\pm 0.2 \text{ mm}$
6. DIAMETER TOLERANCE:  $+ 0.0/-0.1 \text{ mm}$
7. DESIGN WAVELENGTH RANGE: 350-400 nm
8. COATING: BROADBAND HR, DIELECTRIC  
 $R_{s \text{ avg}} > 99\%$  FROM 350-400 nm  
 $R_{p \text{ avg}} > 99\%$  FROM 350-400 nm  
 AOI:  $0^\circ$  TO  $45^\circ$
9. DAMAGE THRESHOLD: 1 J/cm<sup>2</sup> 10 ns PULSE, 10 Hz AT 355 nm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\text{Ø} 25.4 \text{ mm}$ BROADBAND MIRROR 350-400 nm	
NAME	DATE			
DRAWN	BAG	25/OCT/10	MATERIAL <b>FUSED SILICA</b>	
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-E01	7 g