



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 16.2$ mm
2. SURFACE FLATNESS (S1): $< \lambda/10$ AT 633 nm OVER CLEAR APERTURE
3. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
4. PARALLELISM: ≤ 3 arcmin
5. BACK SURFACE (S2): FINE GROUND
6. THICKNESS TOLERANCE: ± 0.2 mm
7. DIAMETER TOLERANCE: $+ 0.0/-0.1$ mm
8. DESIGN WAVELENGTH RANGE: 750-1100 nm
9. COATING (S1): BROADBAND HR, DIELECTRIC
 $R_{s \text{ avg}}$: $>99\%$ FROM 750-1100 nm
 $R_{p \text{ avg}}$: $>99\%$ FROM 750-1100 nm
 AOI: 0° TO 45°
10. DAMAGE THRESHOLD: 1 J/cm^2 , 10 ns PULSE, 10 Hz AT 810 nm
 0.5 J/cm^2 , 10 ns PULSE, 10 Hz AT 1064 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com $\varnothing 19.0$ mm BROADBAND MIRROR 750-1100 nm	
NAME	DATE			
DRAWN	KMR	07/JUN/16	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 # BB07-E03	APPROX WEIGHT 3.4 g