



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH RANGE: 1047-1064nm
2. CLEAR APERTURE: $> \varnothing 15.2\text{mm}$
3. DIAMETER TOLERANCE: $+0.0 / - 0.1\text{mm}$
4. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$
5. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
6. BACK SURFACE (S2): FINE GROUND
7. SURFACE FLATNESS (S1): $< \lambda / 10$ AT 633nm
8. PARALLELISM: $\leq 3\text{arcmin}$
9. COATING (S1): REFLECTIVE COATING
 $R_s \text{ avg} > 99.5\% \text{ FROM } 1047\text{-}1064\text{nm}$
 $R_p \text{ avg} > 99.5\% \text{ FROM } 1047\text{-}1064\text{nm}$
 AOI: 0° TO 45°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 19.0\text{mm}$ Nd: YAG MIRROR, $\lambda = 1047\text{-}1064\text{nm}$	
NAME	DATE			
DRAWN	JDR	21/APR/16	MATERIAL FUSED SILICA	
APPROVAL	GG	23/JUNE/16		
COPYRIGHT © 2016 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NB07-K14	3.7 g