



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH RANGE: 1047-1064nm
2. CLEAR APERTURE: > \varnothing 20.3mm
3. DIAMETER TOLERANCE: +0.0 / - 0.1mm
4. THICKNESS TOLERANCE: \pm 0.2mm
5. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
6. BACK SURFACE (S2): FINE GROUND
7. PARALLELISM: \leq 3arcmin
8. SURFACE FLATNESS (S1): $\lambda/10$ AT 633nm
9. COATING (S1): REFLECTIVE COATING
 R_s avg >99.5% FROM 1047-1064nm
 R_p avg >99.5% FROM 1047-1064nm
 AOI: 0° TO 45°

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com \varnothing 1" Nd: YAG MIRROR $\lambda = 1047-1064\text{nm}$	
NAME	DATE			
DRAWN	BAG	22/OCT/10	MATERIAL	
APPROVAL	GG	23/JUNE/16		
COPYRIGHT © 2016 BY THORLABS			FUSED SILICA	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NB1-K14	6.7 g
				REV D