



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90%
2. PARALLELISM: ≤ 3 arcmin
3. SURFACE FLATNESS: $\lambda/8$ AT 632.8nm OVER CLEAR APERTURE
4. SURFACE QUALITY: 40-20 SCRATCH-DIG
5. BACK SURFACE: FINE GROUND
6. THICKNESS TOLERANCE: ± 0.2 mm
7. LENGTH / HEIGHT TOLERANCE: + 0.0/-0.1 mm
8. COATING: PROTECTED ALUMINUM
 R_{avg} : >90% FROM 450nm - 2 μ m
 R_{avg} : >95% FROM 2 μ m - 20 μ m
 AOI: 0° TO 45°
9. DAMAGE THRESHOLD: 0.3J/cm² 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com 50.8mm x 50.8mm PROTECTED ALUMINUM MIRROR	
DRAWN	BAG	10/DEC/10		
APPROVAL	DD	22/AUG/13	MATERIAL	
COPYRIGHT © 2010 BY THORLABS			UV FUSED SILICA	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			PFSQ20-03-G01	0.04 kg