



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90% OF DIAMETER
2. RMS ROUGHNESS <1Å
3. SURFACE FLATNESS: $\lambda/20$ AT 632.8nm OVER CLEAR APERTURE
4. SURFACE QUALITY: 10-5 SCRATCH-DIG
5. BACK SURFACE: FINE GROUND
6. PARALLELISM: <3arcmin
7. THICKNESS TOLERANCE: ± 0.2 mm
8. DIAMETER TOLERANCE: +0.0 / -0.1mm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	Ø 12.7mm 1 ÅNGSTROM $\lambda/20$ MIRROR BLANK	
DRAWN	EMT	31/JAN/13	REV B	
APPROVAL	WD	01/MAR/13	MATERIAL	FUSED SILICA
COPYRIGHT © 2013 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			SSM0510B	1.52 g