



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > Ø 22.9 mm
2. SURFACE QUALITY (S1): 40-20 SCRATCH-DIG
3. POWER TOLERANCE (S1): $\lambda/2$ AT 633nm OVER CLEAR APERTURE
4. SURFACE IRREGULARITY (S1): $\lambda/4$ AT 633nm OVER CLEAR APERTURE
5. SURFACE FINISH (S2): FINE GRIND
6. COATING (S1): GOLD WITH PROTECTIVE OVERCOAT PER MIL-C-48497A, HR 2-20 μm Ravg: >98%, Rabs: >95% FROM 0° TO 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
NAME	DATE			
DRAWN	GG	27/SEP/18	Ø1" IR GOLD-COATED CONCAVE MIRROR, f=100.0 mm, 3mm CENTER HOLE	
APPROVAL	DD	27/SEP/18	MATERIAL	REV B
COPYRIGHT © 2018 BY THORLABS			FUSED SILICA	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM254-100CH3-M02	7g