



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \varnothing 22.9\text{ mm}$
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  $\mu\text{m}$  Ravg:  $>98\%$ , Rabs:  $>95\%$  FROM 0° TO 45° AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	GG	27/SEP/18	Ø1" IR GOLD-COATED CONCAVE MIRROR, f=100.0 mm, 3mm OFF-AXIS 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
			CM254-100EH3-M02	7g