



NOTES/SPECIFICATIONS:

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

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\varnothing 1"$ IR GOLD-COATED CONCAVE MIRROR, $f=100.0$ mm	
NAME	DATE			
DRAWN	GG	27/SEP/18	MATERIAL <b>FUSED SILICA</b>	
APPROVAL	DD	27/SEP/18		
COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM254-100-M02	7g
			REV B	