



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90% OF DIAMETER
2. SURFACE IRREGULARITY (S1): λ AT 633nm OVER CLEAR APERTURE
3. BACK SURFACE (S2): UNIFORM FINE GRIND #12-#20 GRIT
4. SURFACE QUALITY (S1): 40-20 SCRATCH-DIG
5. THICKNESS TOLERANCE: ± 0.2 mm
6. DIAMETER TOLERANCE: $+0.00/-0.2$ mm
7. COATING: PROTECTED SILVER,
 R_{avg} : >97.5% FROM 450nm-2 μ m
 R_{avg} : >96% FROM 2 μ m-20 μ m
 AOI: 0° TO 45°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com Ø1" SILVER CYLINDRICAL CONCAVE MIRROR, f=50.0 mm	
NAME	DATE			
DRAWN	CS	31/OCT/12	MATERIAL UV FUSED SILICA	
APPROVAL	PM	07/NOV/12		
COPYRIGHT © 2012 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CCM254-050-P01	0.003 kg