



NOTES/SPECIFICATIONS:

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

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 25.4\text{mm}$, $f=19\text{mm}$ CONCAVE PROTECTED SILVER MIRROR	
NAME	DATE			
DRAWN	EMT	19/JUL/12	MATERIAL	
APPROVAL	MG	24/JUL/12		
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM254-019-P01	0.009 kg