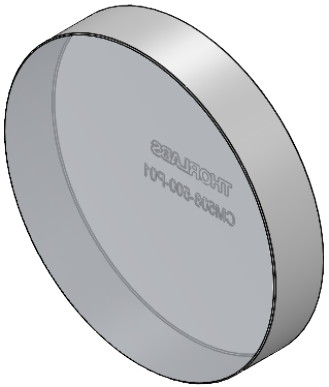
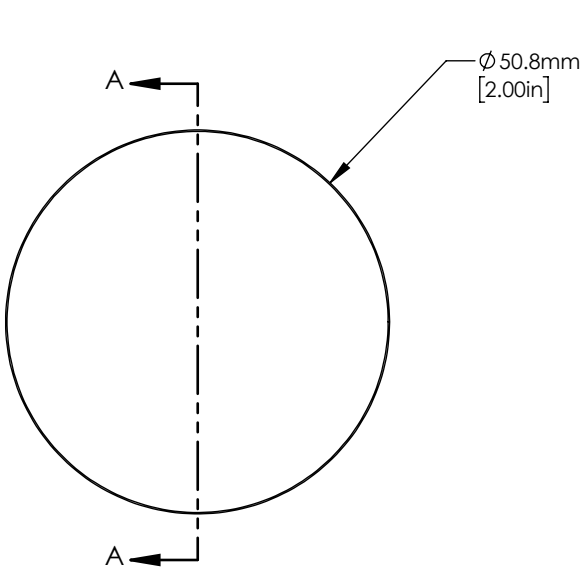
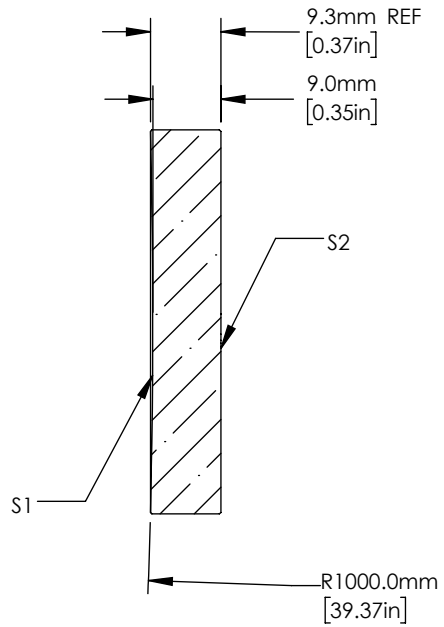
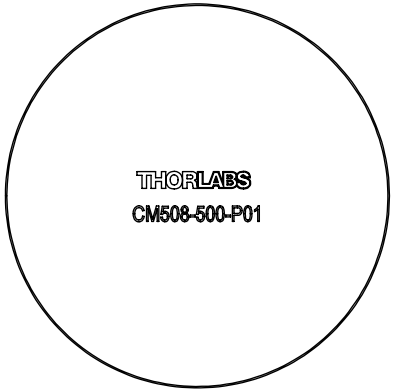






SECTION A-A



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > ∅45.72 mm
2. SURFACE IRREGULARITY (S1): ≤λ/4 AT 633 nm OVER CLEAR APERTURE
3. BACK SURFACE (S2): UNIFORM FINE GRIND #12-#20 GRIT
4. SURFACE QUALITY(S1): 40-20 SCRATCH-DIG
5. THICKNESS TOLERANCE: ±0.1 mm
6. DIAMETER TOLERANCE: +0.0/-0.2 mm
7. COATING(S1): PROTECTED SILVER
   Ravg: >97% FROM 450nm-2µm
   Ravg: >95% FROM 2µm-20µm
   AOI: 0° TO 45°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	YB	16/APR/18
APPROVAL	NI	18/NOV/22

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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∅50.8mm, f=500mm CONCAVE PROTECTED SILVER MIRROR

MATERIAL	REV
N-BK7	B

ITEM #	APPROX WEIGHT
CM508-500-P01	46.61 g