



SECTION A-A
SCALE 2:1

NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 22.86\text{mm}$
2. SURFACE IRREGULARITY (S1): $\leq \lambda/4$ 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: $\pm 0.1\text{ mm}$
6. DIAMETER TOLERANCE: $+0.0/-0.2\text{ mm}$
7. COATING(S1): PROTECTED ALUMINUM
 $R_{\text{avg}}: >90\%$ FROM 450nm-2 μm
 $R_{\text{avg}}: >95\%$ FROM 2 μm -20 μm
 $\text{AOI}: 0^\circ \text{ TO } 45^\circ$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	$\varnothing 25.4\text{mm}$, f=250mm CONCAVE PROTECTED ALUMINUM MIRROR	
DRAWN	YB	16/APR/18	MATERIAL	REV
APPROVAL	DD	16/APR/18	N-BK7	A
COPYRIGHT © 2018 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			CM254-250-G01	7.73 g