

NOTES:

1. SUBSTRATE:
Fused Silica
2. CENTERING TOLERANCE (AT 587.6nm): <3ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)
S1: NONE
S2: NONE

4. EDGES: FINE GROUND

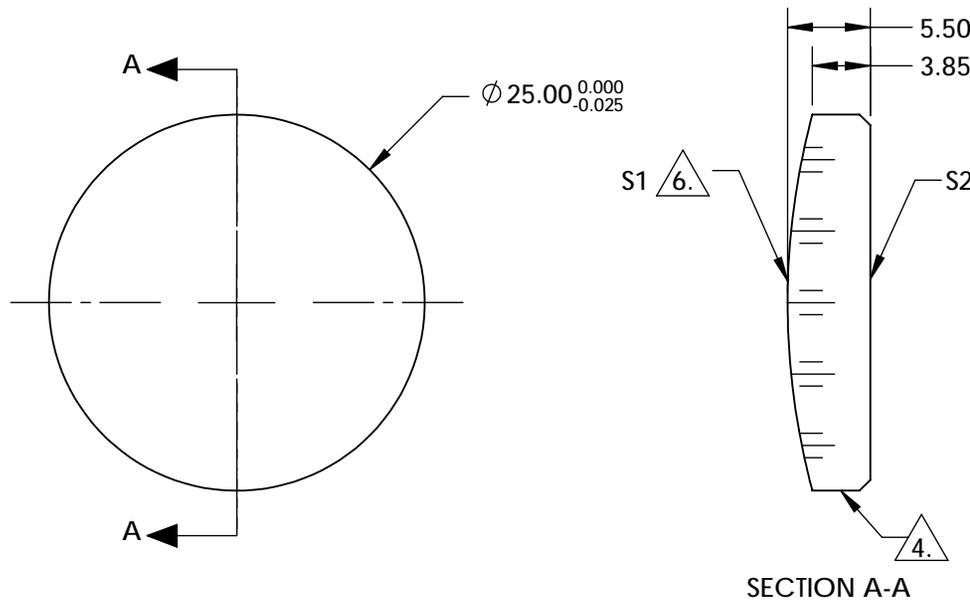
5. ASPHERIC FIGURE ERROR: 0.016 μm RMS

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	2.100443E-02
k	-6.700000E-01
D	0.000000E+00
E	1.077002E-07
F	8.025887E-12
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

		EFL @ 355nm:100.00				Edmund Optics® 25mm Dia 0.11 NA λ/40 Uncoated, UV Fused Silica Aspheric Lens	
SHAPE	S1 CONVEX	S2 CONVEX	THIRD ANGLE PROJECTION				
SURFACE QUALITY	40-20	40-20		TITLE	DWG NO 17333		SHEET 1 OF 1
CLEAR APERTURE	Ø22.5mm	Ø22.5mm		ALL DIMS IN mm			
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					