

NOTES:

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

4. EDGES: FINE GROUND

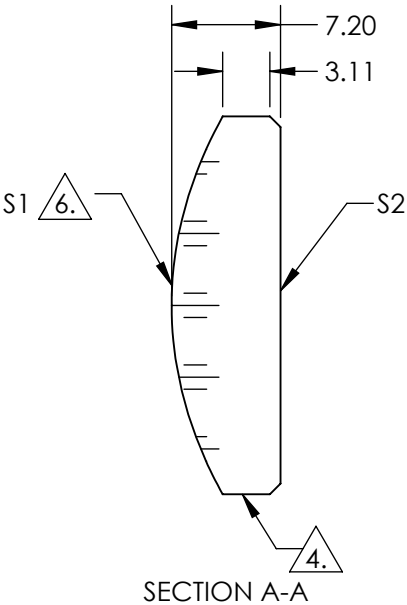
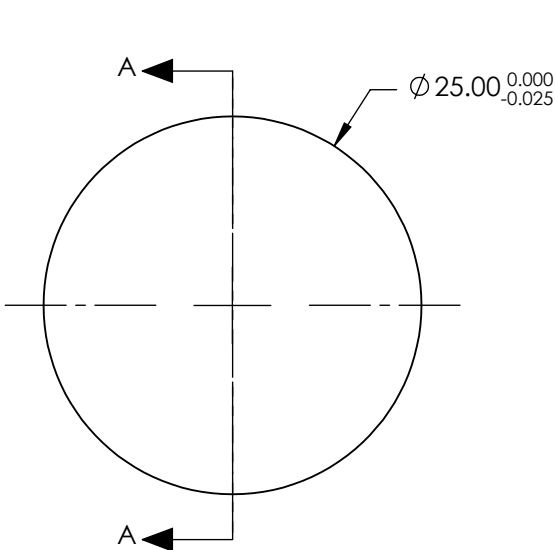
5. ASPHERIC FIGURE ERROR: 0.25 µm RMS

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

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


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


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



COEFFIECIENT TABLE 6.	
COEFFIECIENT	S1
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	4.200798E-02
k	-6.630000E-01
D	0.000000E+00
E	8.650042E-07
F	2.870604E-10
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	CONVEX
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø 22.5mm	Ø 22.5mm
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 355nm: 50.00	
BFL @ 355nm: 45.10	
<div>THIRD ANGLE PROJECTION</div> 	
ALL DIMS IN	mm

 Edmund Optics®	
TITLE	25mm Dia 0.23 NA Uncoated, UV Fused Silica Aspheric Lens
DWG NO	17328
SHEET	1 OF 1