NOTES:

1. SUBSTRATE:
    N-SF6

2. CENTERING TOLERANCE (AT 587.6nm): <3 ARCMIN

3. 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):

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

$\varnothing 25.00^{+0.000}_{-0.025}$

8.50
4.25

S1 ⟁6.   S2

SECTION A-A ⟁4.
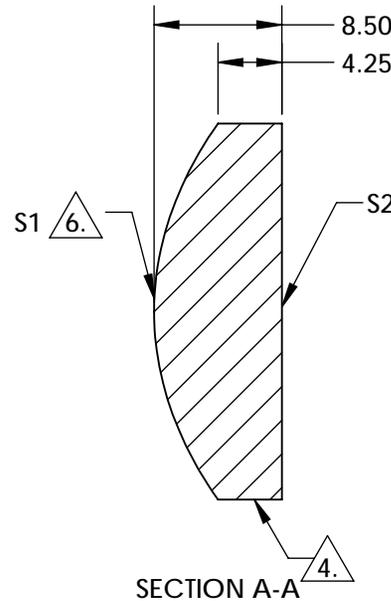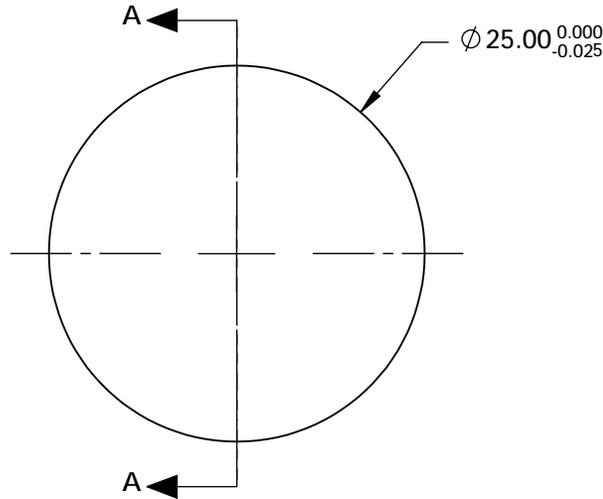
COEFFICIENT TABLE ⟁6.	
COEFFICIENT	**S1**
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	5.244388E-02
k	-1.000000E-00
D	0.000000E+00
E	6.484562E-06
F	-7.484414E-10
G	-4.688953E-12
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

EFL@1550nm: 25.0

EO® Edmund Optics®

	S1	S2			
SHAPE	CONVEX	PLANO	THIRD ANGLE PROJECTION	TITLE	25mm Dia x 25mm FL, Uncoated, 1550nm High Precision Aspheric Lens
SURFACE QUALITY	40-20	40-20			
CLEAR APERTURE	⌀22.5mm	⌀22.5mm			
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO 17420	SHEET 1 OF 1