NOTES:

1. SUBSTRATE:
    N-SF6

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

3. COATING (APPLY ACROSS COATING APERTURE)
    S1 & S2: V-COAT

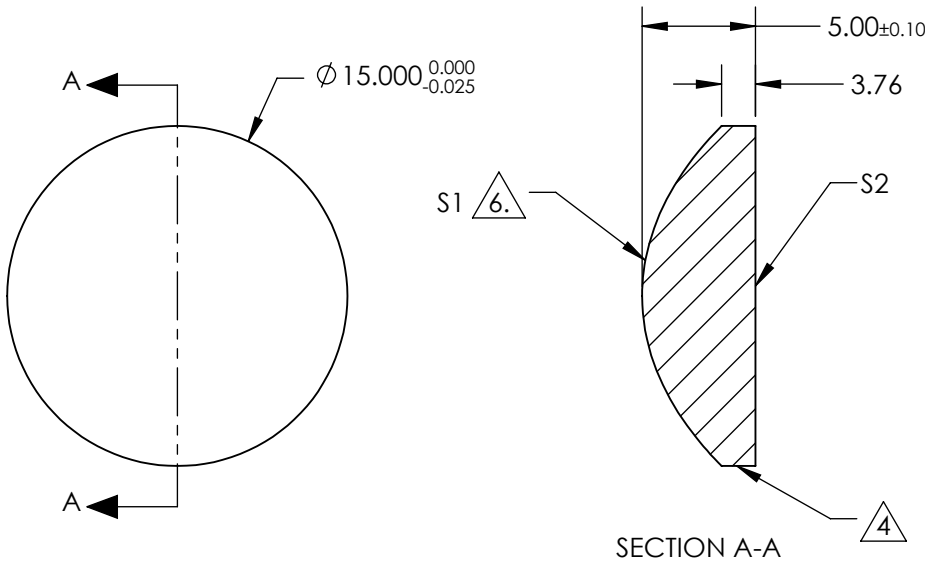$\triangle$4. EDGES: FINE GROUND

5. ASPHERIC FIGURE ERROR: 0.25 μm RMS

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

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

A

$\varnothing$ 15.000 $^{0.000}_{-0.025}$

A

SECTION A-A

5.00 ±0.10

3.76

S1 $\triangle$6.

S2

$\triangle$4
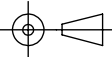
COEFFICIENT TABLE	
COEFFICIENT	
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	1.165501E-01
k	-1.009000E-00
D	0.000000E+00
E	7.761231E-05
F	-1.512125E-08
G	-1.010535E-09
H	-6.978112E-12
J	4.479090E-14
L	0.000000E+00

Edmund Optics®

	S1	S2			
SHAPE	PLANO	PLANO	THIRD ANGLE PROJECTION	TITLE	15mm Dia., 0.25 NA, V-Coated 1550nm NIR Aspheric Lens
SURFACE QUALITY	40 - 20	40 - 20			
CLEAR APERTURE	$\varnothing$ 13.5	$\varnothing$ 13.5	ALL DIMS IN	mm	DWG NO
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED			22937

SHEET
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