

NOTES:

1. SUBSTRATE:
N-SF6
2. CENTERING TOLERANCE (AT 587.6nm): <3ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)
S1 & S2: V-COAT
R(abs) < 0.25% @ 1550nm @ 0° AOI

4. EDGES: FINE GROUND

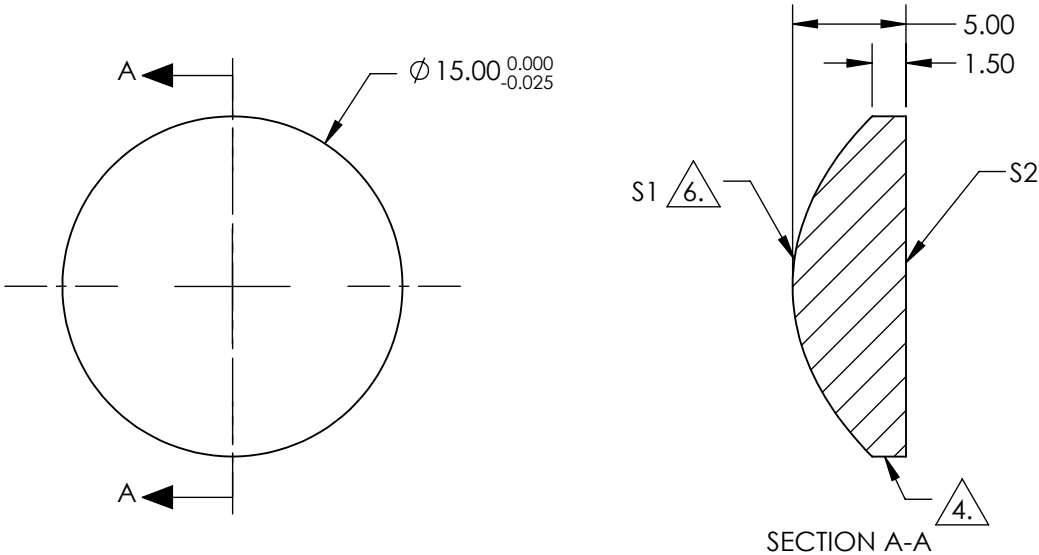
5. ASPHERIC FIGURE ERROR: 0.25 µm RMS

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



COEFFICIENT TABLE 6.	
COEFFICIENT	S1
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

	S1	S2
SHAPE	CONVEX	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø 13.5mm	Ø 13.5mm
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL@1550nm: 11.25
BFL@587.6nm: 7.88
THIRD ANGLE PROJECTION
ALL DIMS IN

Edmund Optics®

TITLE	15mm Dia., 0.67 NA, V-Coated 1550nm NIR Aspheric Lens
DWG NO	22935
SHEET	1 OF 1