

NOTES:

1. SUBSTRATE: N-SF6

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: V-COAT

3. EDGES: FINE GRIND SURFACE

4. CENTERING: <3 ARCMIN

5. ASPHERIC FIGURE ERROR: 0.016 μm RMS

6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING
EQUATION AND COEFFICIENTS SHOWN IN TABLE
BELOW

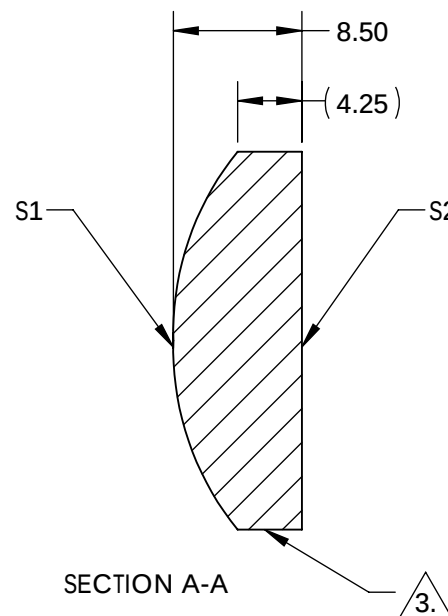
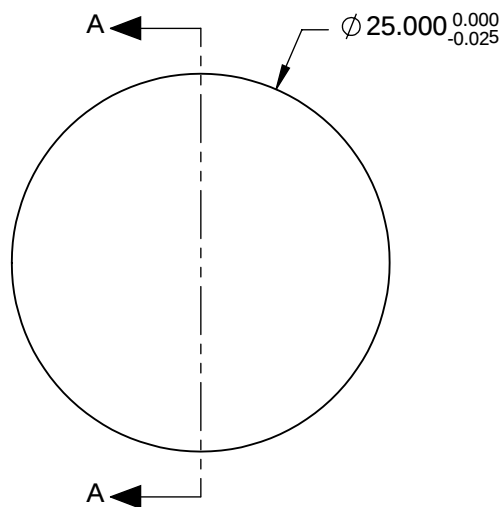
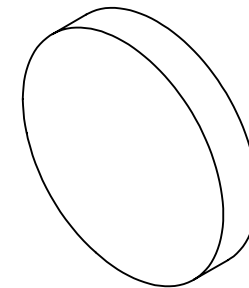
$$Z(Y) = \frac{\left(\frac{1}{\text{RADIUS}}\right) * Y^2}{1 + \sqrt{1 - (1+k) * \left(\frac{1}{\text{RADIUS}}\right)^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14} + M * Y^{16}$$

7. ROHS COMPLIANT

8. FL: 25 @ 1550nm
BFL: 20.18 @1550nm

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



COEFFICIENT TABLE 6.	
	S1
SEMI-DIAMETER	1.250000E+01
COEFFICIENT (1/RADIUS)	3.869969E-02
k	-8.004240E-01
D	0.000000E+00
E	1.643994E-06
F	5.887865E-10
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00
M	0.000000E+00

	S1	S2
SHAPE	PLANO	PLANO
RADIUS	19.068	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
CLEAR APERTURE	Ø22.5	Ø22.5
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

EO® Edmund Optics®



THIRD ANGLE
PROJECTION

TITLE

25mm Dia x 50mm FL, V-Coated,
High Precision Aspheric Lens

ALL DIMS IN

mm

DWG NO

22941

SHEET
1 OF 1