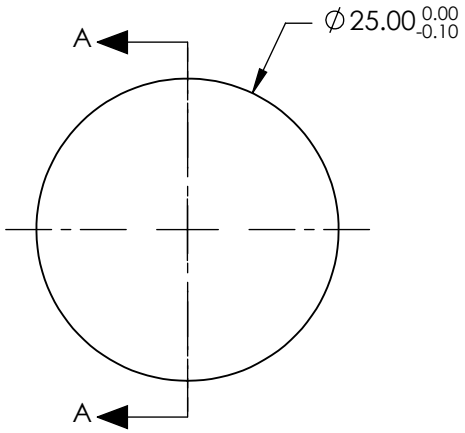
NOTES:

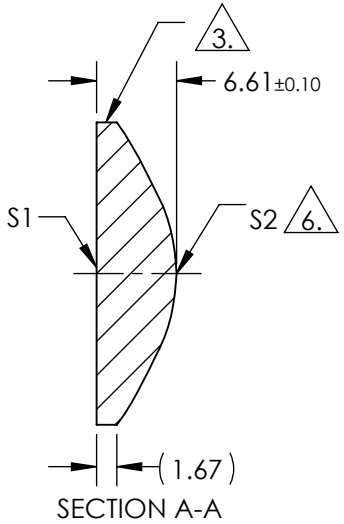
1. SUBSTRATE: N-BK7
2. COATING

   S1 & S2: R(ABS) < 0.25% @ 1064nm

3. EDGES: FINE GRIND
4. CENTERING: <5 ARCMIN
5. ASPHERE FIGURE ERROR @ 632.8nm: 1.6λ RMS and 6λ PV
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	**S1**
(1/RADIUS)	7.895152E-02
k	-2.269948E+00
D	0.000000E+00
E	0.000000E+00
F	0.000000E+00
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	CONVEX
RADIUS	INFINITY	12.666
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	Ø22.50	Ø22.50
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 532.8µm	25.00
BFL @ 532.8µm	N/A
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	25mm DIA 25mm FL, 1064nm V-COAT, Hyperbolic Aspheric Lens
DWG NO	89439
SHEET	1 OF 1