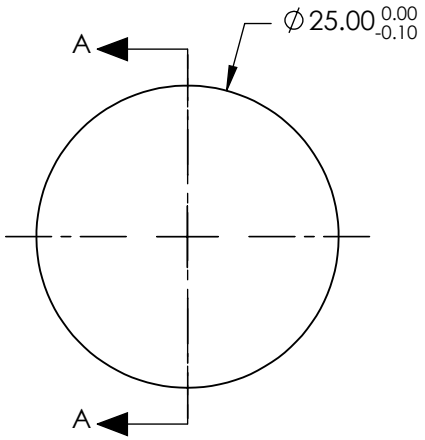
NOTES:

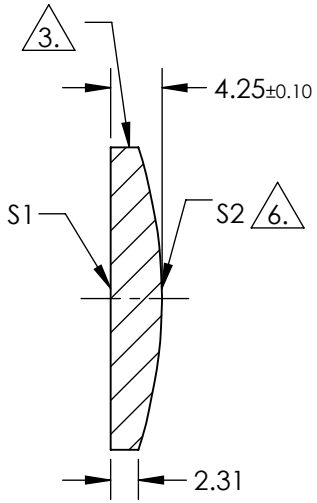
1. SUBSTRATE: N-BK7
2. COATING

   S1 & S2: R(ABS) < 0.25% @ 532nm

3. EDGES: FINE GRIND
4. CENTERING: <3-5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75 µm RMS
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	**S1**
(1/RADIUS)	2.566735E-02
k	-2.308797E+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

REV. A	S1	S2
SHAPE	PLANO	CONVEX
RADIUS	INFINITY	38.96
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø22.50	Ø22.50
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 532.8µm	75.00
BFL @ 532.8µm	N/A
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	25mm DIA X 75mm FL, 532nm V-COAT, BEST FORM ASPHERIC LENS	
DWG NO	89433	SHEET 1 OF 1