NOTES:

1. SUBSTRATE: N-BK7

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: NONE
   S2: NONE

3.FINE GRIND SURFACE

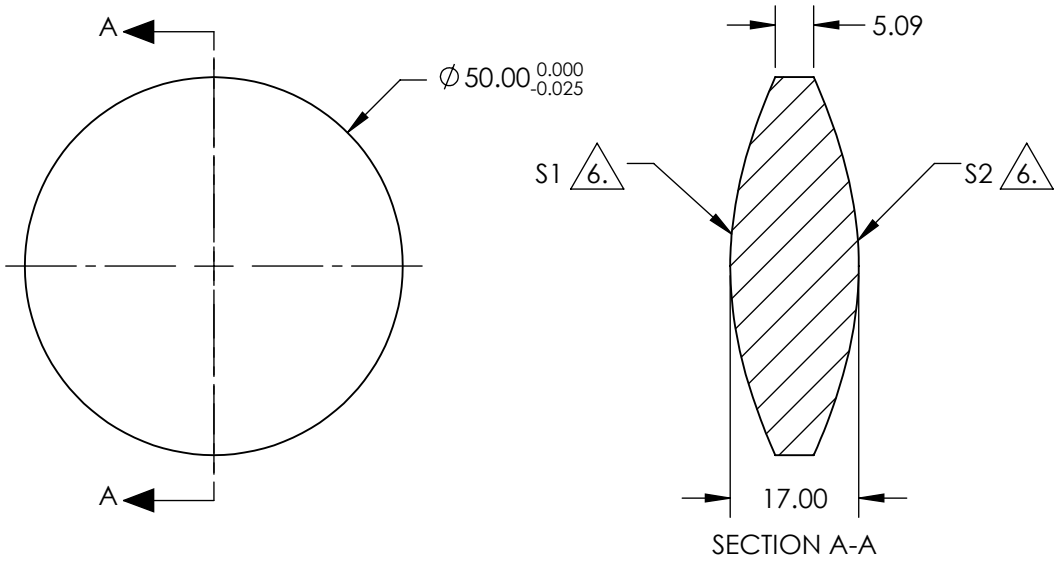
4. CENTERING: 3 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25 µm RMS

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING



COEFFIECIENT TABLE 6.

COEFFIECIENT	S1	S2
(1/RADIUS)	2.057613E-02	2.057613E-02
k	-2.300000E+00	-2.300000E+00
D	0.000000E+00	0.000000E+00
E	0.000000E+00	0.000000E+00
F	0.000000E+00	0.000000E+00
G	0.000000E+00	0.000000E+00
H	0.000000E+00	0.000000E+00
J	0.000000E+00	0.000000E+00
L	0.000000E+00	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICEDIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	CONVEX
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	∅ 45.00	∅ 45.00
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	50mm Dia. X 50mm FL Uncoated, Double Sided Aspheric Lens	
ALL DIMS IN	mm	DWG NO	18423	SHEET 1 OF 1