

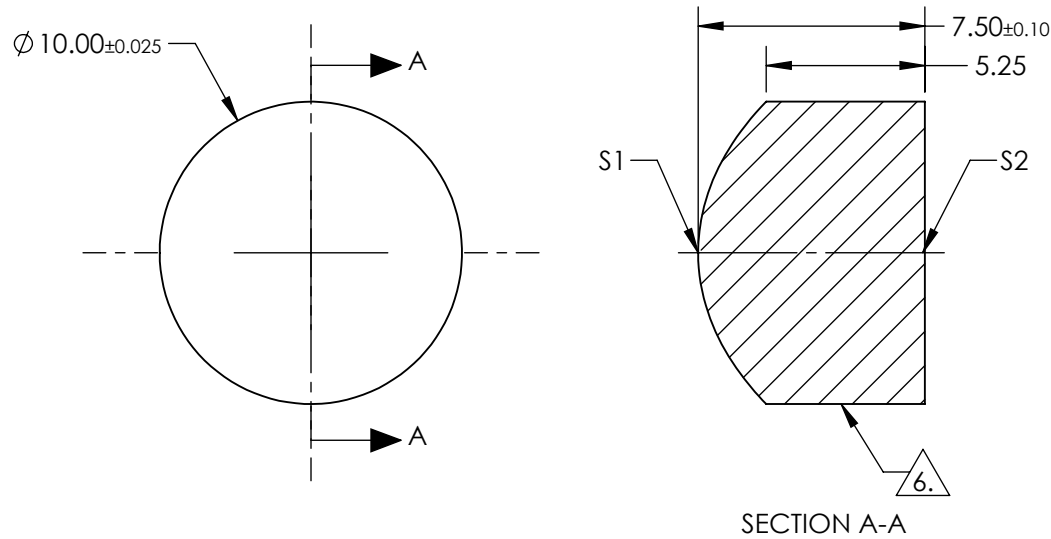
NOTES:

- SUBSTRATE: N-SF6
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE
- EDGES: FINE GROUND
- CENTERING: <3 ARCMIN
- ASPHERE FIGURE ERROR: 0.25µm RMS

6. BLACKENED SURFACE

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

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



COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	5.000000E+00
(1/RADIUS)	0.16559033
k	-1.1537480
D	0.0000000E+00
E	3.6179970E-04
F	1.3080177E-06
G	-4.1505990E-08
H	1.6201341E-10
J	0.0000000E+00
L	0.0000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	7.5		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	3.35		
RADIUS	6.039	INFINITY			Edmund Optics® 10mm DIA., 0.67 NUMERICAL APERTURE, UNCOATED, INKED, HIGH PRECISION ASPHERIC LENS	
SURFACE QUALITY	40-20	40-20				
CLEAR APERTURE	Ø9	Ø9			DWG NO 37414INK	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
			ALL DIMS IN	mm	SHEET 1 OF 1	

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