

NOTES:

1. SUBSTRATE: N-SF6

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE
S2: NONE

3. EDGES: FINE GROUND

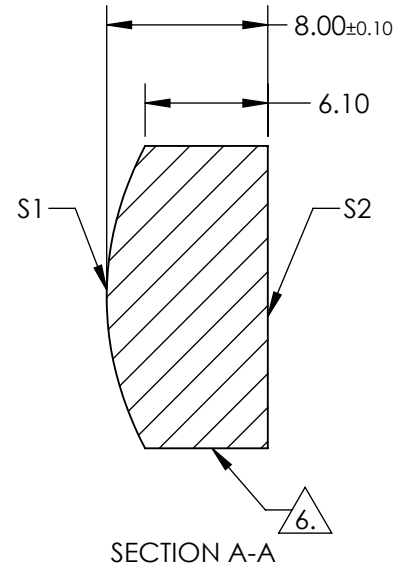
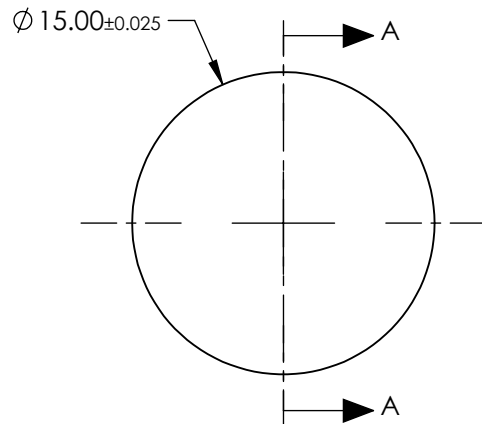
4. CENTERING: <3 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25 µm RMS

6. BLACKENED SURFACE

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

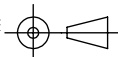
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1 + k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	6.623833E-02
k	2.045310E-02
D	0.000000E+00
E	-2.464272E-05
F	-7.747754E-08
G	-4.303751E-10
H	-8.575912E-16
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	18.75	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	14.32			
RADIUS	15.097	INFINITY			TITLE	15mm DIA., 0.40 NUMERICAL APERTURE, UNCOATED, INKED, HIGH PRECISION ASPHERIC LENS	
SURFACE QUALITY	40-20	40-20					
CLEAR APERTURE	Ø13.50	Ø13.50	ALL DIMS IN mm		DWG NO	37421INK	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
							SHEET 1 OF 1

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