NOTES:

1. SUBSTRATE: N-SF6

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: NONE
   S2: NONE

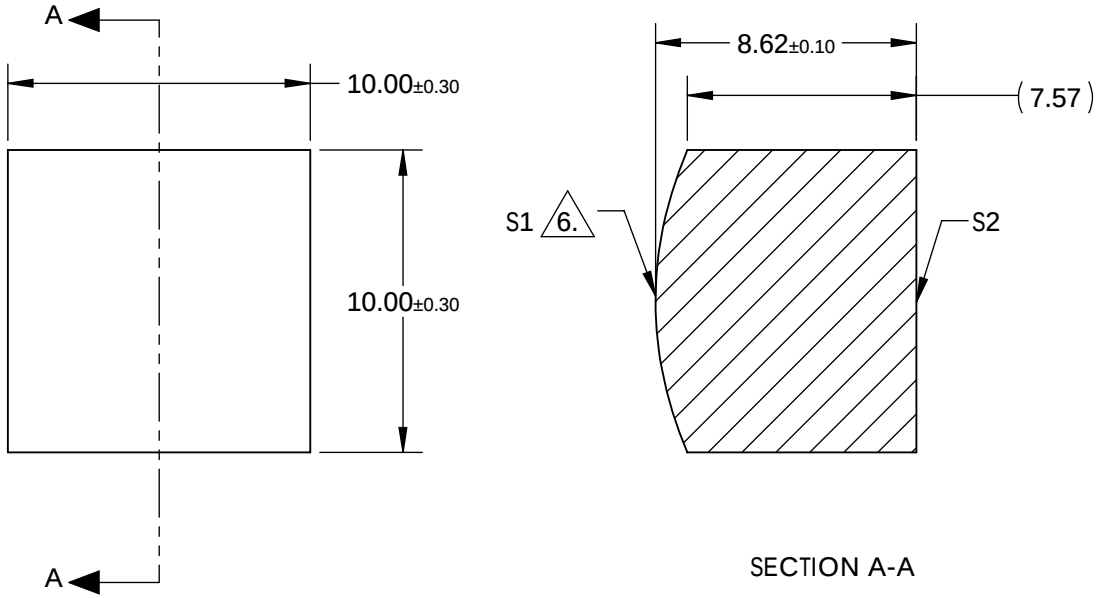
3. EDGES: FINE GROUND

4. CENTERING: <3 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25 µm RMS

6. 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**
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	0.827951E-01
k	-9.820666E-01
D	0.000000E+00
E	2.608586E-05
F	-5.633708E-09
G	-1.621792E-10
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	12.078	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	9.00 x 9.00	9.00 x 9.00
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	15.00
BFL @ 587.6nm	10.22

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®

TITLE: 10 x 10mm, 0.33 Numerical Aperture, Uncoated, Square Precision Aspheric Lens

DWG NO: 17308

SHEET 1 OF 1