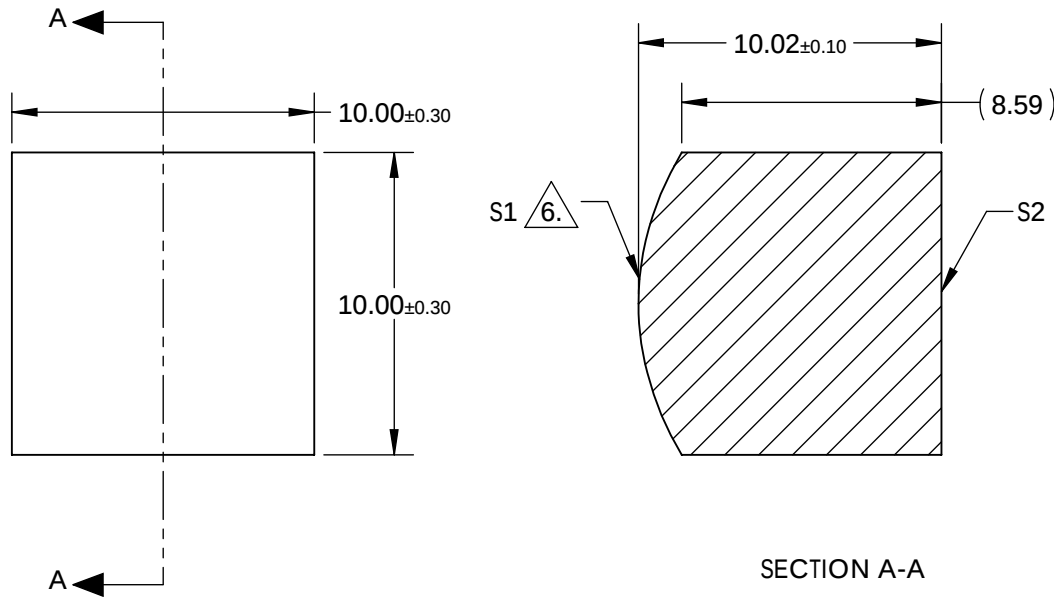


NOTES:

- SUBSTRATE: N-SF6
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE
- EDGES: FINE GROUND
- CENTERING: < 1 ARCMIN
- ASPHERE FIGURE ERROR: 0.25 μm RMS

△ 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	7.500000E+00
(1/RADIUS)	1.103874E-01
k	-8.308645E-01
D	0.000000E+00
E	4.977037E-05
F	2.915007E-08
G	-3.112504E-10
H	-1.719934E-11
J	6.934543E-14
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	9.059	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	11.25
BFL @ 587.6nm	5.71
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm



Edmund Optics®

TITLE

10 x 10mm, 0.44 Numerical Aperture,
Uncoated, Square Precision Aspheric Lens

DWG NO

17310

SHEET
1 OF 1