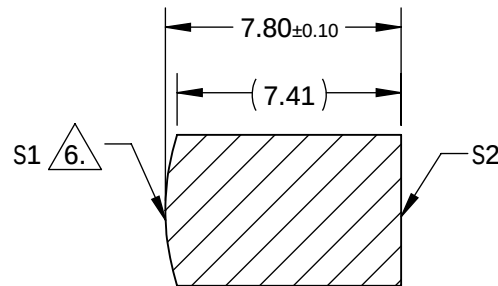
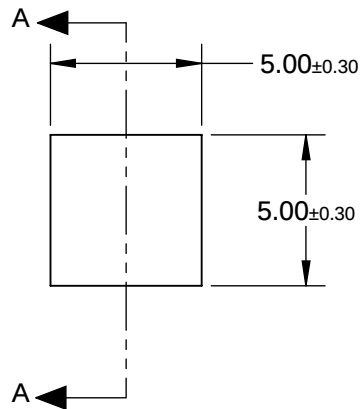


NOTES:

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

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

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

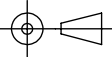


SECTION A-A

COEFFICIENT TABLE △ 6.	
COEFFICIENT	S1
SEMI-DIAMETER	5.000000E+00
(1/RADIUS)	1.241927E-01
k	-7.095932E-01
D	0.000000E+00
E	3.400286E-05
F	-2.959410E-08
G	-4.393734E-09
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	10.00	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	5.68		
RADIUS	8.052	INFINITY	THIRD ANGLE PROJECTION 		TITLE	5 x 5mm, 0.25 Numerical Aperture, Uncoated, Square Precision Aspheric Lens
SURFACE QUALITY	40-20	40-20			DWG NO	17304
CLEAR APERTURE	4.50 x 4.50	4.50 x 4.50	ALL DIMS IN	mm		SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				