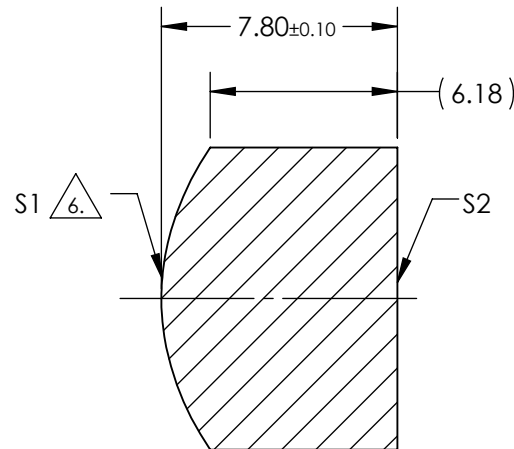
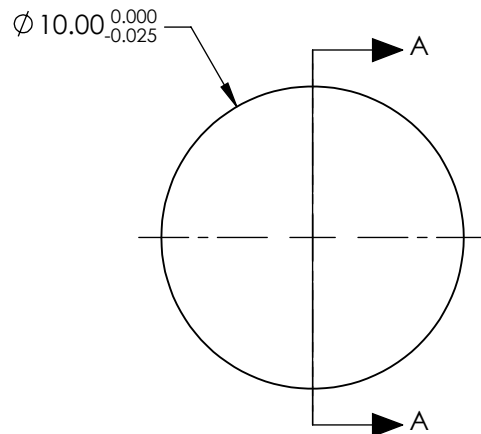


NOTES:

1. SUBSTRATE: N-SF6
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1 & S2: SWIR+ (900-1700nm)
R(AVG) <0.5% @ 900 - 1700nm @ ±30° AOI
R(ABS) <1% @ 900 - 1700nm @ ±30° AOI
3. EDGES: FINE GROUND
4. CENTERING: <3 ARCMIN
5. ASPHERE FIGURE ERROR: 0.25µm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



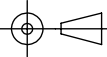
SECTION A-A

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			TITLE	10mm Dia., 0.50 Numerical Aperture, 900-1700nm Coated, Inked, High Precision Aspheric Lens
SURFACE QUALITY	40-20	40-20			DWG NO	16991INK
CLEAR APERTURE	Ø9.00	Ø9.00				
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm		SHEET 1 OF 1