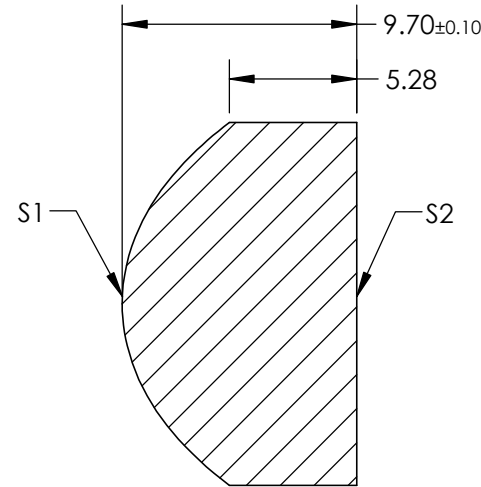
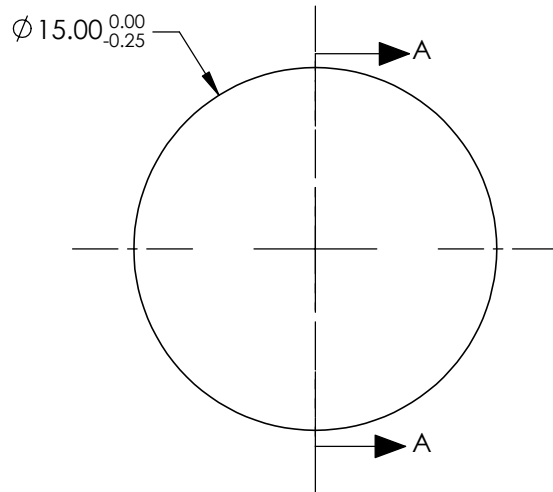


NOTES:

1. SUBSTRATE: N-SF6
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1&S2: SWIR+
R(AVG) < 0.5% FROM 900-1700nm @ +/-30° AOI; R(ABS) < 1.5% FROM 900-1700nm @ +/-30° AOI
3. EDGES: FINE GROUND
4. CENTERING: <3 ARCMIN
5. ASPHERE FIGURE ERROR: 0.25 µm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

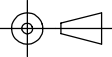


SECTION A-A

COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	0.137988133
k	-1.0085080
D	0.0000000E+00
E	1.6756208E-04
F	6.5081285E-07
G	-7.3166920E-09
H	-3.5373248E-11
J	0.0000000E+00
L	0.0000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	9.00	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	3.63			
RADIUS	7.247	INFINITY	THIRD ANGLE PROJECTION 		TITLE 15mm Dia., 0.83 Numerical Aperture, 900-1700nm Coated, Precision Aspheric Lens		
SURFACE QUALITY	40-20	40-20					
CLEAR APERTURE	Ø13.50	Ø13.50	ALL DIMS IN mm		DWG NO 22759		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
					SHEET 1 OF 1		

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