

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

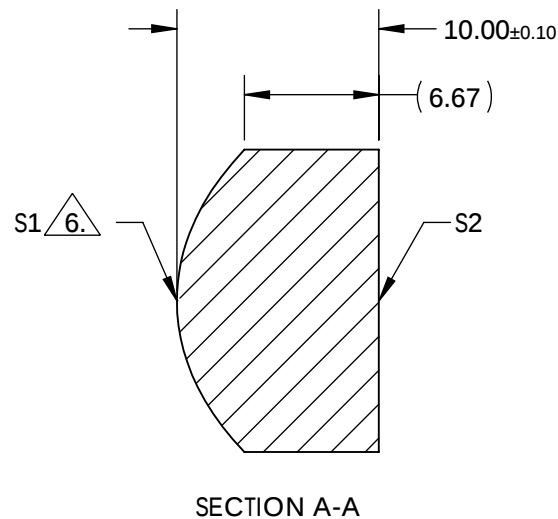
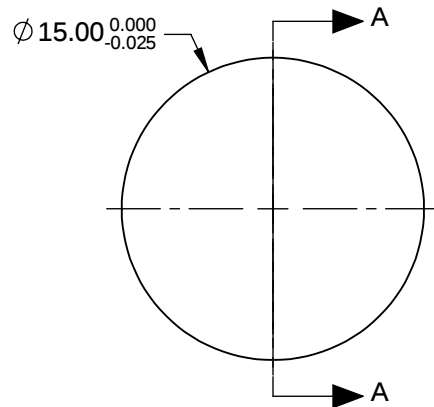
3. EDGES: FINE GROUND

4. CENTERING: < 1 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25µm RMS

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

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



COEFFICIENT TABLE △ 6.	
COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	1.103875E-01
k	-8.308645E-01
D	0.000000E+00
E	4.977037E-05
F	2.915007E-08
G	-3.112502E-10
H	-1.719935E-11
J	6.934543E-14
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	11.25	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	5.71			
RADIUS	9.059	INFINITY	THIRD ANGLE PROJECTION 		TITLE	15mm Dia., 0.66 Numerical Aperture, 900-1700nm Coated, Precision Aspheric Lens	
SURFACE QUALITY	40-20	40-20					
CLEAR APERTURE	Ø13.50	Ø13.50			DWG NO	16994	SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm				