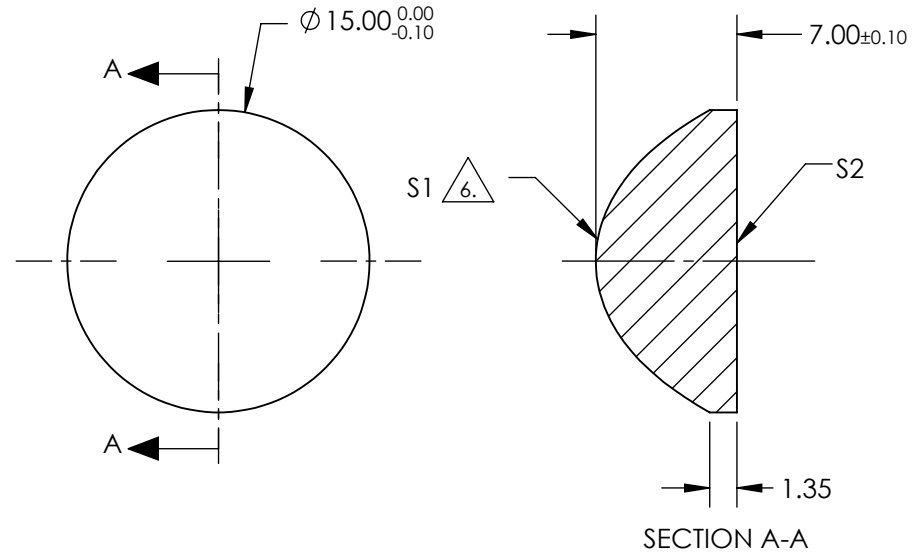NOTES:
1. SUBSTRATE: N-SF5

2. COATING (APPLY ACROSS CLEAR APERTURE)

        S1: R(avg) ≤1.5% @ 600 - 1050nm
        S2: R(avg) ≤1.5% @ 600 - 1050nm

3. EDGES: FINE GROuND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μm RMS

$\triangle$6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

$\varnothing 15.00^{0.00}_{-0.10}$

7.00±0.10

S1 $\triangle$6.

S2

1.35

SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

COEFFIECIENT TABLE $\triangle$6.	
COEFFIECIENT	S1
SEMI-DIAMETER	15.000000E+00
(1/RADIUS)	1.651800E-01
k	-1.261245E+00
D	0.000000E+00
E	4.227332E-04
F	5.228197E-07
G	1.010405E-08
H	-2.409879E-10
J	0.000000E+00
L	0.000000E+00

REV. A	S1	S2	EFL @ 587.6μm	9		
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	4.81		**Edmund Optics®**
RADIUS	5.731	INFINITY				
SURFACE QUALITY	60-40	60-40	THIRD ANGLE PROJECTION		TITLE	15mm DIA., 0.83 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS
CLEAR APERTURE	90%	90%				
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO 67257	SHEET 1 OF 1