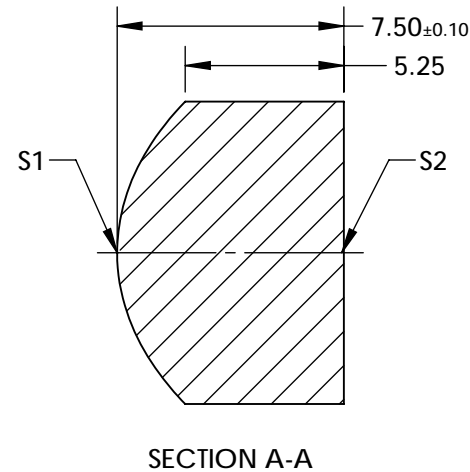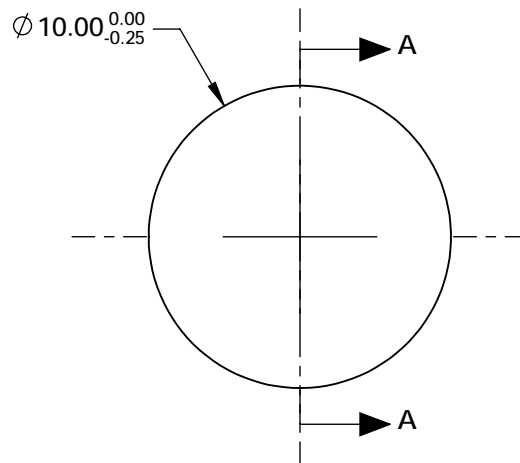NOTES:
1. SUBSTRATE: N-SF6

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1&S2: NIR+
   R(AVG) < 0.5% FROM 600-1050nm @ +/-30° AOI; R(ABS) < 1.5% FROM 600-1050nm @ +/-30° AOI

3. EDGES: FINE GROUND

4. CENTERING: <3 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25 µm RMS

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

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

$\varnothing\,10.00^{0.00}_{-0.25}$

A

A

$7.50_{\pm0.10}$

5.25

S1

S2

SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	S1
SEMI-DIAMETER	5.000000E+00
(1/RADIUS)	0.16559033
k	-1.1537480
D	0.0000000E+00
E	3.6179970E-04
F	1.3080177E-06
G	-4.1505990E-08
H	1.6201341E-10
J	0.0000000E+00
L	0.0000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	6.039	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø9.00	Ø9.00
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	7.50
BFL @ 587.6nm	3.35

THIRD ANGLE PROJECTION

Edmund Optics®

TITLE: 10mm Dia., 0.67 Numerical Aperture, 600-1050nm Coated, Precision Aspheric Lens

ALL DIMS IN: mm

DWG NO: 22990

SHEET 1 OF 1