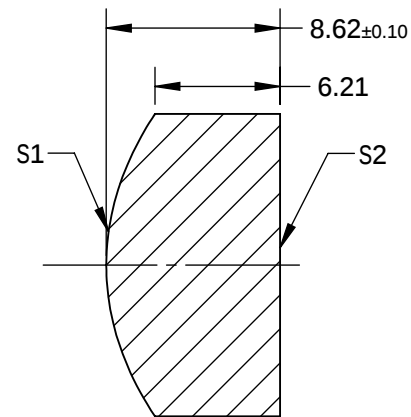
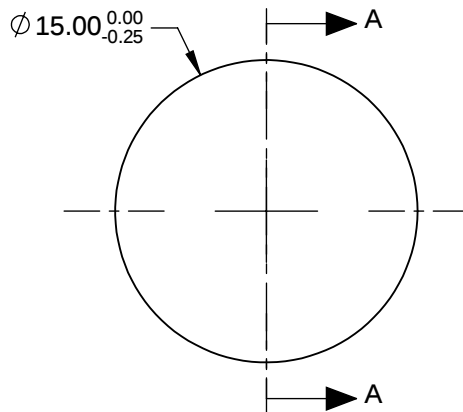


1. SUBSTRATE: N-SF6

5. ASPHERE FIGURE ERROR: 0.25 μ m RMS

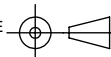
$$Z_{ASPH}(Y) = \frac{(1/RADIUS)^* Y^2}{1 + \sqrt{1 - (1+k)^* (1/RADIUS)^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$


COEFFIECIENT TABLE 

COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	8.279516E-02
K	-9.820666E-01
D	0.000000E+00
E	2.608586E-05
F	-5.633708E-09
G	-1.621792E-10
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	12.078	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø13.5	Ø13.5
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	15
BFL @ 587.6nm	10.22
THIRD ANGLE PROJECTION 	
ALL DIMS IN	mm

 Edmund Optics®

TITLE

15mm Dia., 0.50 Numerical Aperture, 600-1050nm Coated, Precision Aspheric Lens

DWG NO

16973

SHEET
1 OF 1