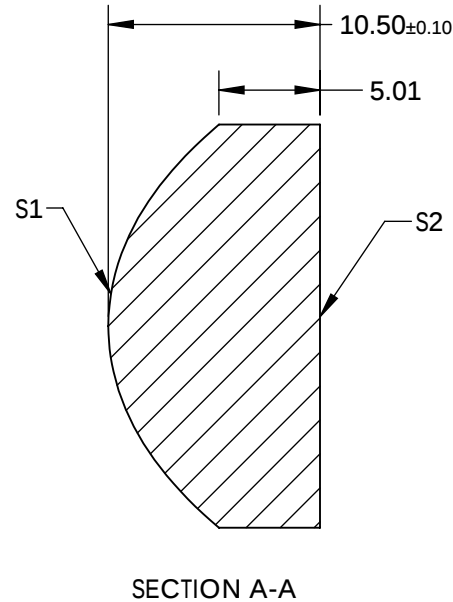
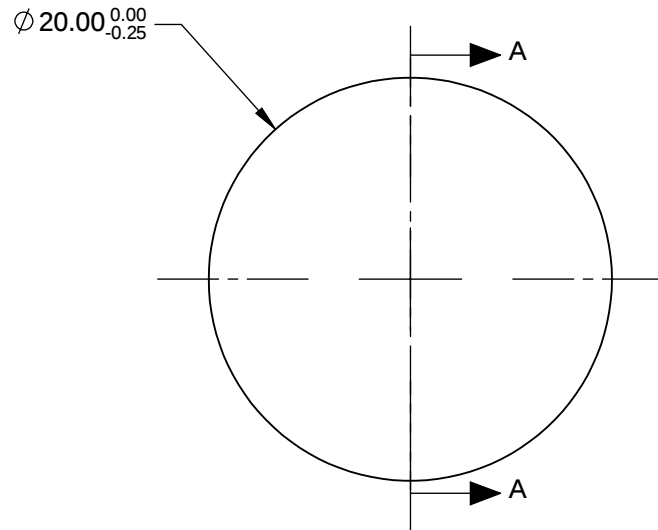


NOTES:

- SUBSTRATE: N-SF6
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE
- EDGES: FINE GROUND
- CENTERING: <1 ARCMIN
- ASPHERE FIGURE ERROR: 0.25 μm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

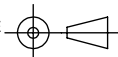
$$Z_{ASPH}(Y) = \frac{(1/RADIUS)^2 * Y^2}{1 + \sqrt{1 - (1+k) * (1/RADIUS)^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	1.000000E+01
(1/RADIUS)	0.099354198
k	-1.2066580
D	0.0000000E+00
E	7.9936880E-05
F	4.1712140E-08
G	-9.5183480E-10
H	5.8388140E-13
J	0.0000000E+00
L	0.0000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	12.50	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	6.68		
RADIUS	10.065	INFINITY			TITLE	20mm DIA., 0.80 NUMERICAL APERTURE, UNCOATED, PRECISION ASPHERIC LENS
SURFACE QUALITY	40-20	40-20			DWG NO	37423
CLEAR APERTURE	Ø18.00	Ø18.00	ALL DIMS IN	mm		SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				

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