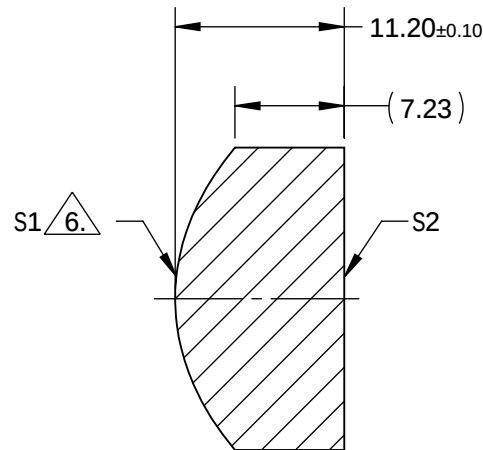
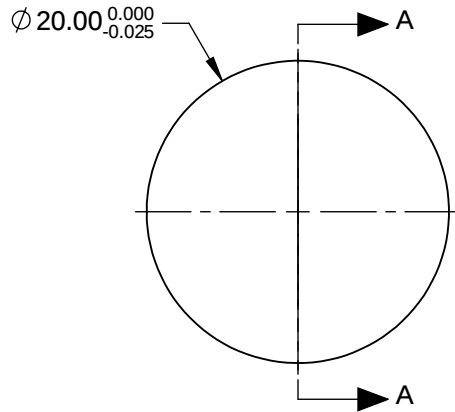


NOTES:

- SUBSTRATE: N-SF5
- 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
- EDGES: FINE GROUND
- CENTERING: <3 ARCMIN
- ASPHERE FIGURE ERROR: 0.25µm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



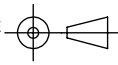
SECTION A-A

COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	1.000000E+01
(1/RADIUS)	7.432181E-02
k	-9.143177E-01
D	0.000000E+00
E	1.841702E-05
F	2.043851E-08
G	-8.357415E-11
H	2.016516E-13
J	0.000000E+00
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	20.00	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	13.31			
RADIUS	13.455	INFINITY	THIRD ANGLE PROJECTION 		TITLE 20mm Dia., 0.50 Numerical Aperture, 900-1700nm Coated, Precision Aspheric Lens		
SURFACE QUALITY	40-20	40-20					
CLEAR APERTURE	Ø18.00	Ø18.00	ALL DIMS IN mm		DWG NO 16995		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
					SHEET 1 OF 1		