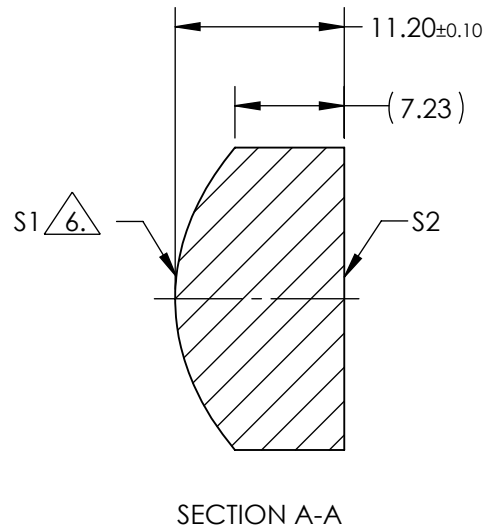
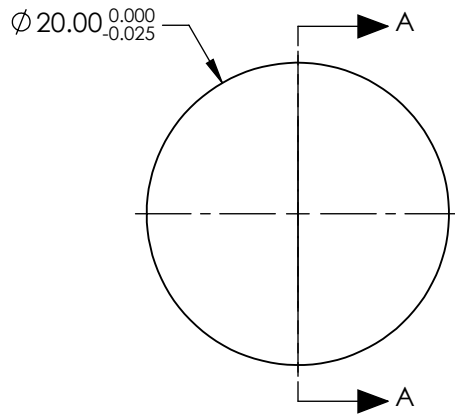


NOTES:

1. SUBSTRATE: N-SF5
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE
3. EDGES: FINE GROUND
4. CENTERING: < 1 ARCMIN
5. ASPHERE FIGURE ERROR: 0.25µm RMS

6. \triangle 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 \triangle 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, UNCOATED, HIGH PRECISION ASPHERIC LENS	
CLEAR APERTURE	Ø18.00	Ø18.00	ALL DIMS IN	mm	DWG NO	37425	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				SHEET	1 OF 1