

NOTES:

1. SUBSTRATE: N-SF5

2. COATING

S1: NONE
S2: NONE

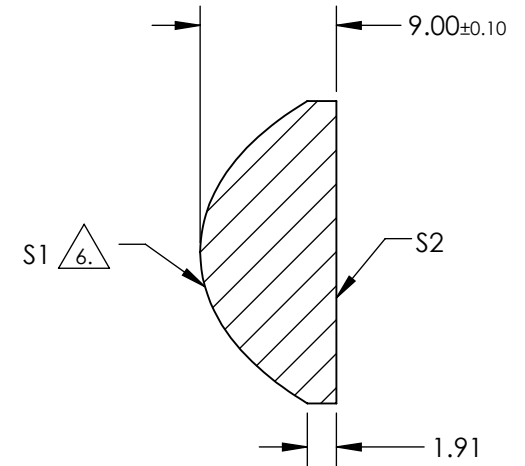
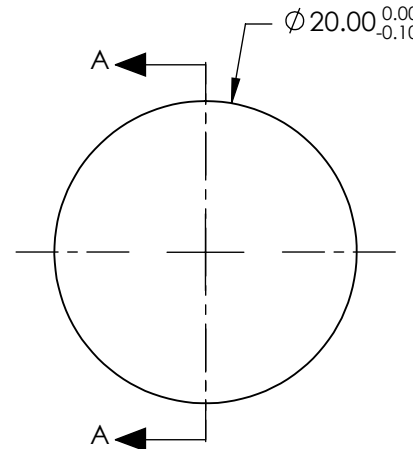
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

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

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



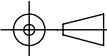
SECTION A-A

COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	10.000000E+00
(1/RADIUS)	1.189202E-01
k	-1.312935E+00
D	0.000000E+00
E	1.662932E-04
F	4.824129E-08
G	8.149880E-10
H	-1.105058E-11
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

REV. A	S1	S2	EFL @587.6 : 12.5		 Edmund Optics®			
SHAPE	CONVEX	CONVEX	BFL @587.6 : 7.12					
RADIUS	8.409	INFINITY	THIRD ANGLE PROJECTION 		TITLE	20mm DIA., 0.8 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS		
SURFACE QUALITY	60-40	60-40						
CLEAR APERTURE	90%	90%	ALL DIMS IN mm		DWG NO	67244		SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED						