

NOTES:

1. SUBSTRATE: N-SF5

2. COATING

S1: NONE

S2: NONE

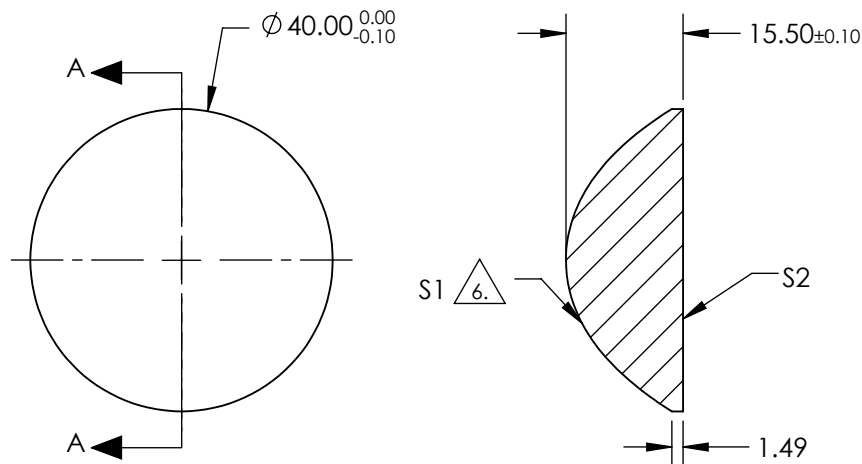
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

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

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

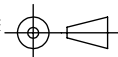


SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

COEFFICIENT TABLE △ 6.	
COEFFICIENT	S1
SEMI-DIAMETER	20.000000E+00
(1/RADIUS)	5.946010E-02
k	-9.887716E-01
D	0.000000E+00
E	1.175019E-05
F	5.630664E-09
G	-1.060095E-12
H	-1.392953E-14
J	0.000000E+00
L	0.000000E+00

REV. A	S1	S2	EFL @587.6 : 25	 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @587.6 : 15.73			
RADIUS	16.18	INFINITY	THIRD ANGLE PROJECTION 	TITLE	40mm DIA., 0.80 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40	ALL DIMS IN	DWG NO		
CLEAR APERTURE	90%	90%	mm	67247	SHEET 1 OF 1	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				