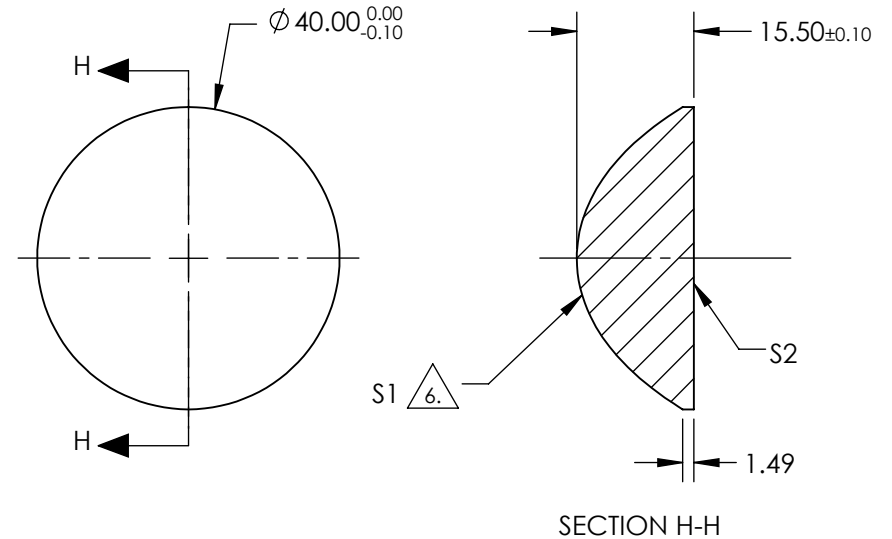


NOTES:

1. SUBSTRATE: N-SF5
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) ≤1.5% @ 425 - 675nm
S2: R(avg) ≤1.5% @ 425 - 675nm
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)

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



COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	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

**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 @ 587.6μm	25	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	15.73			
RADIUS	16.818	INFINITY	<div>THIRD ANGLE PROJECTION</div> 		TITLE	40mm DIA., 0.80 NUMERICAL APERTURE VIS COATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	67254	SHEET 1 OF 1