

NOTES:
1. SUBSTRATE: N-SF5

2. COATING

S1: NONE
S2: NONE

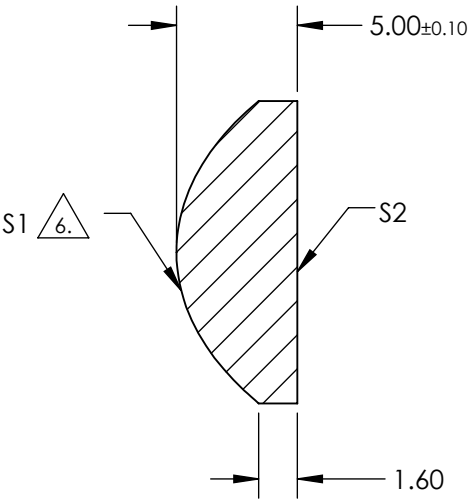
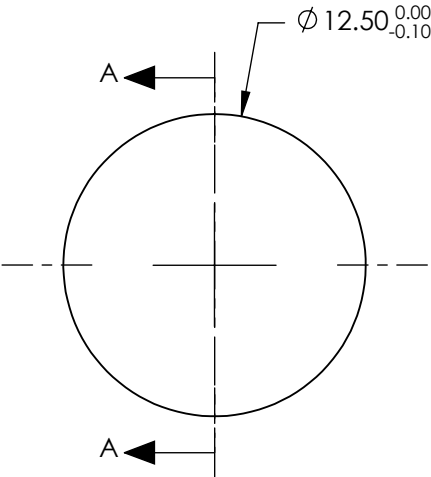
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

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

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



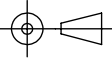
SECTION A-A

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

COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	6.250000E+00
(1/RADIUS)	1.565700E-01
k	-1.186336E+00
D	0.000000E+00
E	3.013148E-04
F	3.801752E-07
G	-1.468960E-09
H	-7.154329E-11
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @587.6 : 9.5	 Edmund Optics®			
SHAPE	CONVEX	CONVEX	BFL @587.6 : 6.51				
RADIUS	6.391	INFINITY		TITLE	12.5mm DIA, 0.66 NUMERICAL APERTURE UNCOATED, 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	69854	SHEET 1 OF 1