

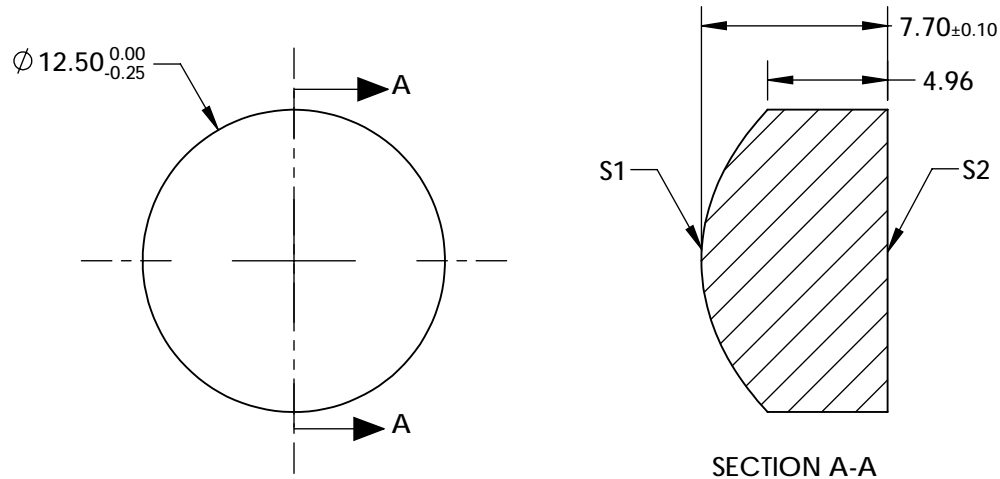
NOTES:

1. SUBSTRATE: N-SF6
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE
3. EDGES: FINE GROUND
4. CENTERING: <3 ARCMIN
5. ASPHERE FIGURE ERROR: 0.25 μm RMS

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

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	
COEFFICIENT	S1
SEMI-DIAMETER	6.250000E+00
(1/RADIUS)	0.130736044
k	-1.2808690
D	0.0000000E+00
E	2.0210150E-04
F	-2.4065350E-08
G	-4.7744790E-09
H	0.0000000E+00
J	0.0000000E+00
L	0.0000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	9.50		Edmund Optics®
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	5.23		
RADIUS	7.649	INFINITY		TITLE	12.5mm DIA., 0.66 NUMERICAL APERTURE, UNCOATED, PRECISION ASPHERIC LENS	
SURFACE QUALITY	40-20	40-20			ALL DIMS IN	mm
CLEAR APERTURE	Ø11.25	Ø11.25	SHEET			
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				