NOTES:

1. SUBSTRATE:
   N-SF6
2. CENTERING TOLERANCE (AT 587.6nm): <3ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: NONE
   S2: NONE

4. EDGES: FINE GROUND

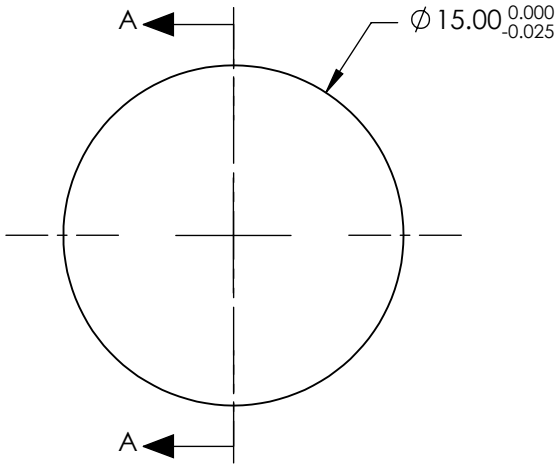
5. ASPHERIC FIGURE ERROR: 0.25 µm RMS

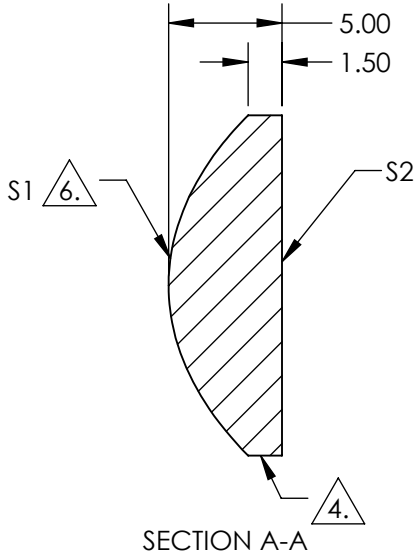
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	**S1**
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	1.165501E-01
k	-1.009000E-00
D	0.000000E+00
E	7.761231E-05
F	-1.512125E-08
G	-1.010535E-09
H	-6.978112E-12
J	4.479090E-14
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	∅13.5mm	∅13.5mm
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL@1550nm: 11.25		Edmund Optics®	
BFL@587.6nm: 7.88			
THIRD ANGLE PROJECTION		TITLE	ASPHERE PREC 15mm F/0.75 1500nm UNCTD
ALL DIMS IN	mm	DWG NO	17415
			SHEET 1 OF 1