NOTES:

1. SUBSTRATE:
   II-VI Infrared ZnSe
2. CENTERING TOLERANCE:
   EDGE THICKNESS VARIATION MEASURED AT THE CLEAR APERTURE OF S1 NOT TO EXCEED 50.8µm
3. COATING (APPLY ACROSS COATING APERTURE):
   S1 & S2: NONE

4. FINE GRIND SURFACE

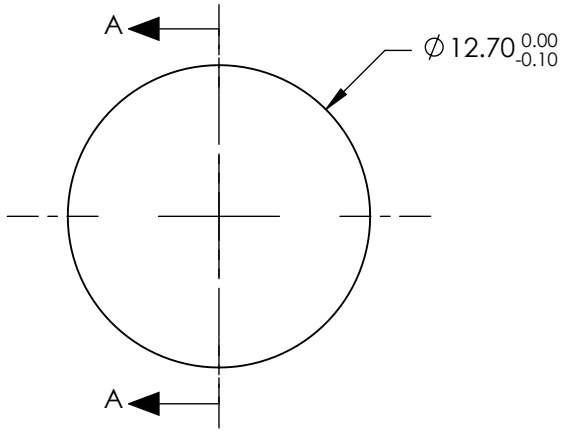
5. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

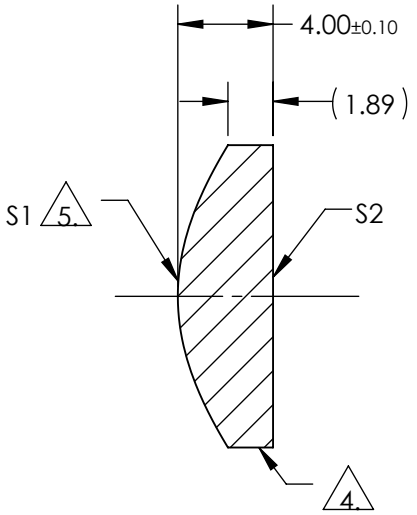
$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1+\sqrt{1-(1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$

6. SURFACE ROUGHNESS: 50 Å

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE
WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY





SECTION A-A

COEFFICIENT TABLE 5.	
COEFFIECIENT	S1
SEMI-DIAMETER	6.350000E+00
(1/RADIUS)	1.122460E-01
k	-1.077873E+00
D	0.000000E+00
E	-5.416883E-05
F	-1.102132E-06
G	9.270324E-09
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	8.909	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø11.43	Ø11.43
POWER at 632.8nm	2.0 RINGS	2.0 RINGS
IRREGULARITY at 632.8nm	1.0 RING	1.0 RING
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL (AT 10.6µm)	(6.35)
BFL (AT 10.6µm)	(4.69)
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	12.7mm Dia. x 6.35mm FL Uncoated, Zinc Selenide Aspheric Lens	
DWG NO	39469	SHEET 1 OF 1