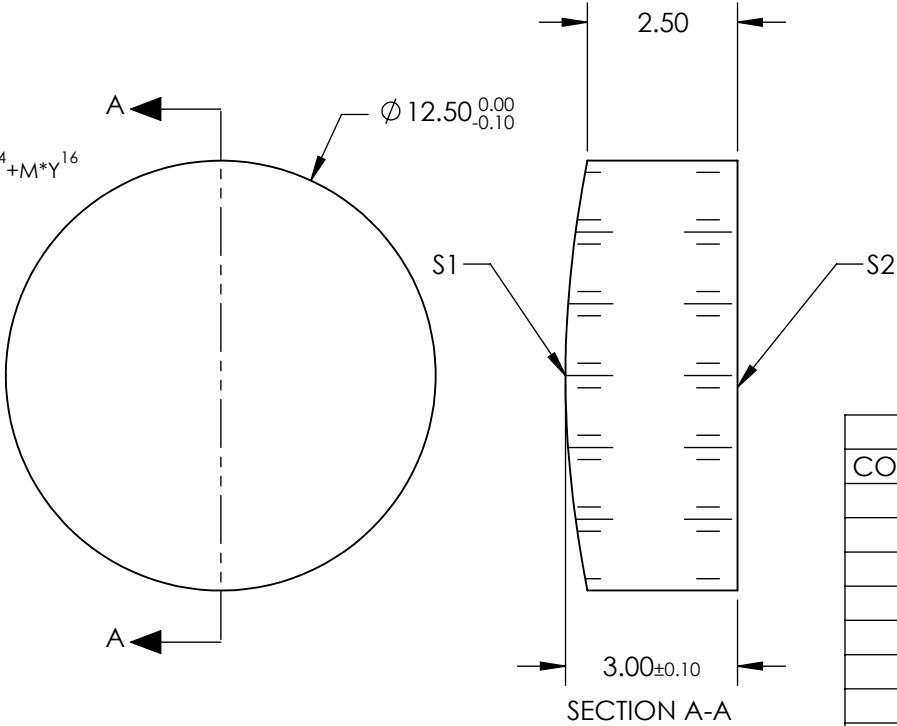


NOTES:

- 1. SUBSTRATE: GERMANIUM
- 2. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: BBAR (3000-12000nm)
Ravg <5.0% @ 3 - 12µm
- 3. EDGES: DIAMOND TURNED
- 4. CENTERING: ≤5 arcmin
- 5. ROHS COMPLIANT
- 6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

$$Z(Y) = \frac{\left(\frac{1}{\text{RADIUS}}\right)^2 Y^2}{1 + \sqrt{1 - (1+k) \left(\frac{1}{\text{RADIUS}}\right)^2 Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14} + M*Y^{16}$$



COEFFICIENT TABLE	
COEFFICIENT	S1
RADIUS	37.584
k	-9.000000E-01
D	0.000000E+00
E	-1.671935E-05
F	2.889514E-08
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00
M	0.000000E+00

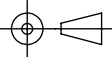
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
RADIUS	37.584	INFINITE
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	Ø 11.25	Ø 11.25
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

**Edmund Optics®**

THIRD ANGLE
PROJECTION



TITLE

12.5mm Dia x 12.5mm FL 3-12µm Coated, Ge
Aspheric Lens

DWG NO

22776

SHEET

5 OF 12