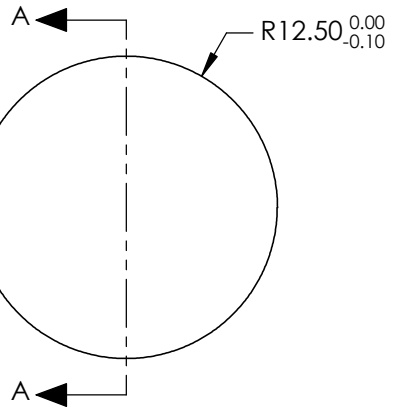
NOTES:

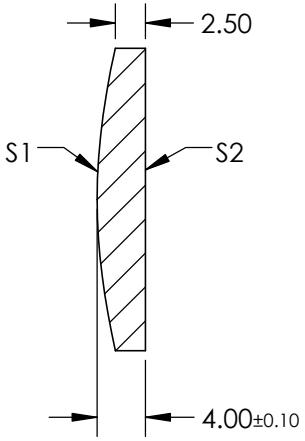
1. SUBSTRATE: GERMANIUM (GE)
2. COATING

   S1: R(avg) <3.0% @ 3 - 5µm
   S2: R(avg) <3.0% @ 3 - 5µm
3. EDGES: DIAMOND TURNED
4. CENTERING: 5-3 arcmin
5. RoHS: COMPLIANT
6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
k	0.000000E+00
D	0.000000E+00
E	-1.188073E-13
F	1.2693411E-8
G	-1.5816012E-11
H	1.0815338E-14
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	46.200	∞
SURFACE ACCURACY	0.3µm	N/A
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 4000nm: 15
BFL @ 4000nm: 14.01
THIRD ANGLE PROJECTION
ALL DIMS IN mm

Edmund Optics®

TITLE: 25mm DIA X 15mm FL 3-5µm COATED, HYBRID GE ASPHERIC LENS
DWG NO: 68260
SHEET 1 OF 1