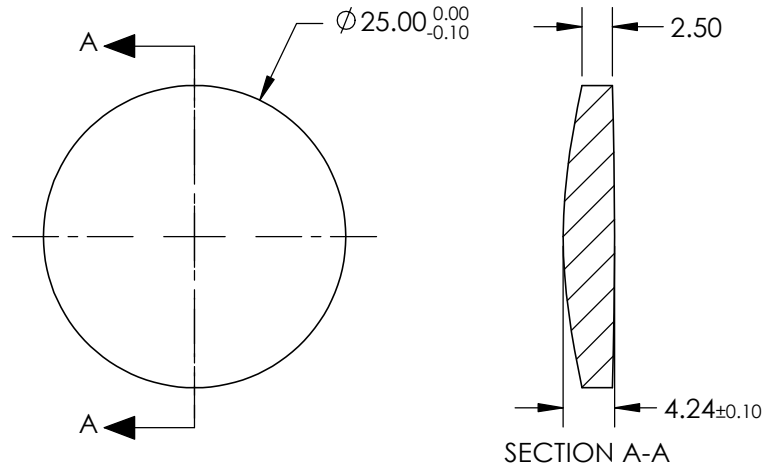


NOTES:

1. SUBSTRATE: GERMANIUM (GE)
2. COATING
  - S1: NONE
  - S2: NONE
3. EDGES: DIAMOND TURNED
4. CENTERING: 3-5 arcmin
5. RoHS: COMPLIANT
6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW


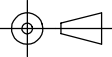
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$

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



COEFFICIENT TABLE	
COEFFICIENT	S1
k	0.000000E+00
D	0.000000E+00
E	-1.9155423E-5
F	3.2963804E-8
G	-5.5065762E-11
H	4.9717602E-14
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 4000nm: 12.5		 <b>Edmund Optics®</b>		
SHAPE	CONVEX	CONVEX	BFL @ 4000nm: 11.61				
RADIUS	41.397	435.187			TITLE	25mm DIA X 12.5mm FL UNCOATED, GE ASPHERIC LENS	
SURFACE ACCURACY	0.3µm	N/A					
SURFACE QUALITY	60-40	60-40	ALL DIMS IN		mm	DWG NO	68235
CLEAR APERTURE	90%	90%					
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					SHEET 1 OF 1