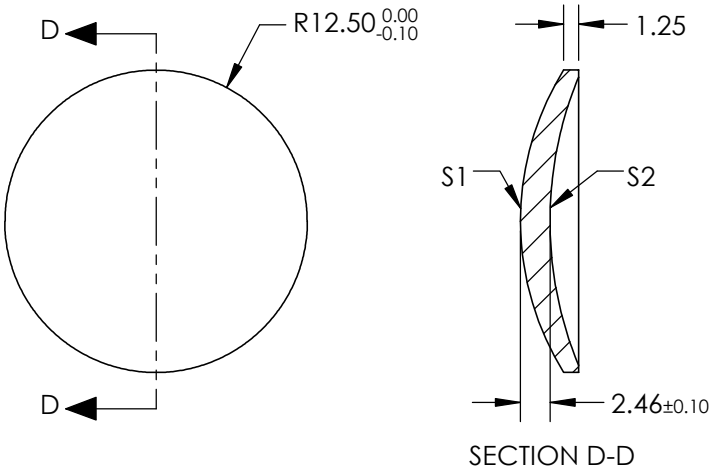


NOTES:

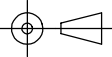
1. SUBSTRATE: GERMANIUM (GE)
2. COATING
S1: R(avg) <3.0% @ 3 - 5µm
S2: R(avg) <3.0% @ 3 - 5µm
3. EDGES: DIAMOND TURNED
4. CENTERING: 3-5 arcmin
5. RoHS: COMPLIANT
6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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



COEFFICIENT TABLE	
COEFFICIENT	S1
k	0
D	0
E	-9.6412329E-7
F	-1.2535606E-6
G	-1.0648069E-12
H	-7.199688E-13
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2				
SHAPE	CONVEX	CONCAVE	EFL @ 4000nm: 25	 Edmund Optics®		
RADIUS	23.580	31.300	BFL @ 4000nm: 23.03			
SURFACE ACCURACY	0.3µm	N/A		TITLE 25mm DIA X 25mm FL 3-5µm COATED, HYBRID GE ASPHERIC LENS		
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	68262
					SHEET 1 OF 1	