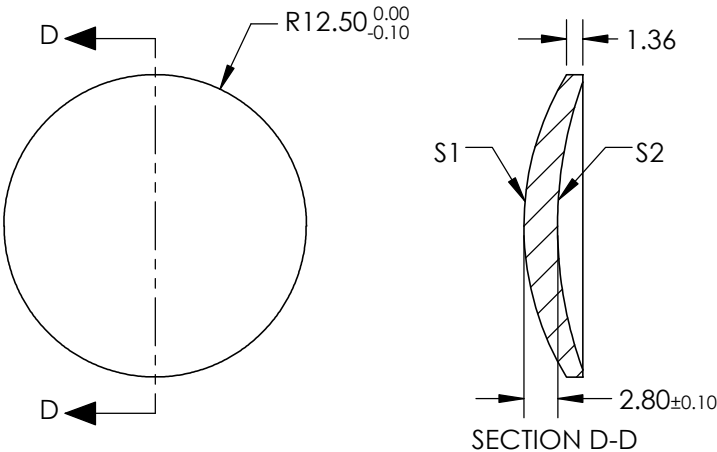


NOTES:

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


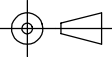
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$

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



COEFFICIENT TABLE	
COEFFICIENT	S1
k	0
D	0
E	-1.4537517E-6
F	-1.6537942E-9
G	-6.5457646E-12
H	0
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2				
SHAPE	CONVEX	CONCAVE	EFL @ 4000nm: 20	 <b>Edmund Optics®</b>		
RADIUS	23.670	35.000	BFL @ 4000nm: 18.21			
SURFACE ACCURACY	0.3µm	N/A		TITLE 25mm DIA X 20mm FL 3-5µm COATED, HYBRID GE ASPHERIC LENS		
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	96%	96%				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	68261
					SHEET 1 OF 1	