

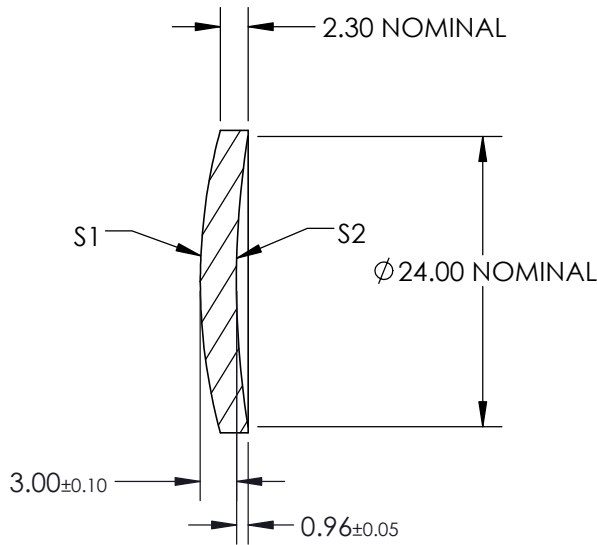
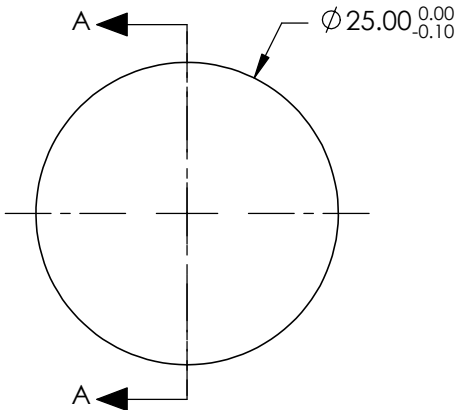
NOTES:

1. SUBSTRATE: SILICON (SI)
2. COATING

S1 & S2:
R(AVG) <1% @ 1650 - 3000nm
R(ABS) <2% @ 1650 - 3000nm

3. EDGES: DIAMOND TURNED
4. CENTERING, ETD: <21.8 µm
5. RoHS: COMPLIANT
6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

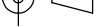
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
k	-1.221946E+00
D	0.000000E+00
E	0.000000E+00
F	0.000000E+00
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 4000nm: 50		 Edmund Optics®		
SHAPE	CONVEX	CONCAVE	BFL @ 4000nm: 47.78				
RADIUS	47.913	75.968			TITLE	25mm Dia x 50mm FL BBAR (1650-3000nm) Coated, Si Aspheric Lens	
SURFACE ACCURACY	<0.3µm	N/A					
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%			TITLE	25mm Dia x 50mm FL BBAR (1650-3000nm) Coated, Si Aspheric Lens	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
			ALL DIMS IN	mm	DWG NO	24290	SHEET 1 OF 1

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