

NOTES:

1. SUBSTRATE: SILICON (SI)

2. COATING

S1: NONE
S2: NONE

3. EDGES: DIAMOND TURNED

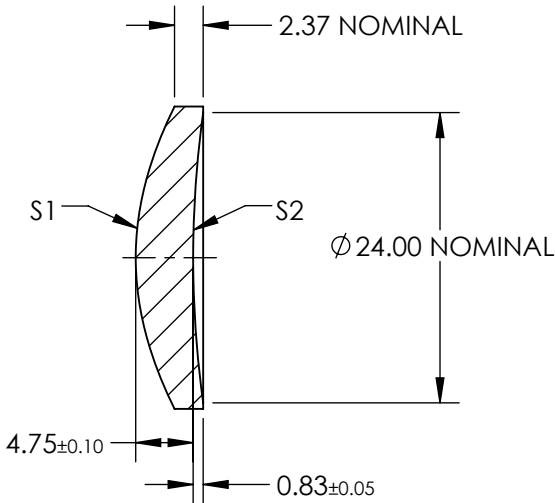
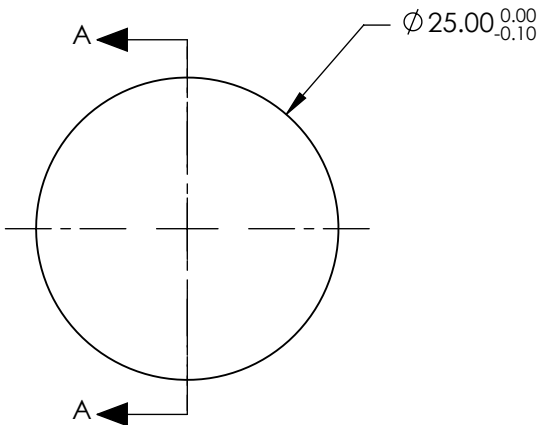
4. CENTERING, ETD: <21.8 µm

5. RoHS: COMPLIANT

6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING
EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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

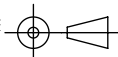
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
k	-2.072484E+00
D	0.000000E+00
E	3.722280E-06
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: 12.5 BFL @ 4000nm: 10.7  Edmund Optics®			
SHAPE	CONVEX	CONCAVE				
RADIUS	23.373	87.361	THIRD ANGLE PROJECTION  TITLE 25mm DIA X 12.5mm FL UNCOATED, SI ASPHERIC LENS			
SURFACE ACCURACY	<0.3µm	N/A				
SURFACE QUALITY	60-40	60-40	ALL DIMS IN mm DWG NO 89357 SHEET 1 OF 1			
CLEAR APERTURE	90%	90%				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				