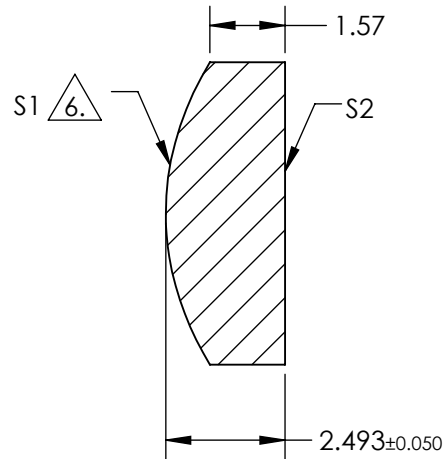
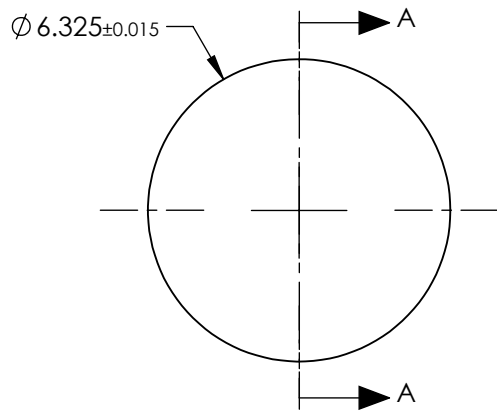


NOTES:

1. SUBSTRATE:
D-ZK3
2. NUMERICAL APERTURE: 0.27
3. COATING
S1 & S2: R(AVG) ≤ 0.5% @ 350 - 700nm
4. FOCAL LENGTH TOLERANCE: ±1%
5. TRANSMITTED WAVEFRONT ERROR (λ, RMS): < 0.145
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



SECTION A-A

COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	3.162500E+00
(1/RADIUS)	1.782554E-01
k	0.567434E+00
D	0.000000E+00
E	-2.387921E-07
F	-7.569886E-07
G	-1.692256E-08
H	-2.305947E-10
J	0.000000E+00
L	0.000000E+00

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL	9.60	Edmund Optics®	TITLE 0.27 NA 9.6mm FL 350-700nm COATED, LASER TOOL ASPHERIC LENS	
SHAPE	CONVEX	PLANO	BFL	8.10			
RADIUS	5.61	INFINITY	THIRD ANGLE PROJECTION		DWG NO	83697	SHEET 1 OF 1
SURFACE QUALITY	60 - 40	60 - 40					
CLEAR APERTURE	Ø5.20	Ø5.20	ALL DIMS IN		mm		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					