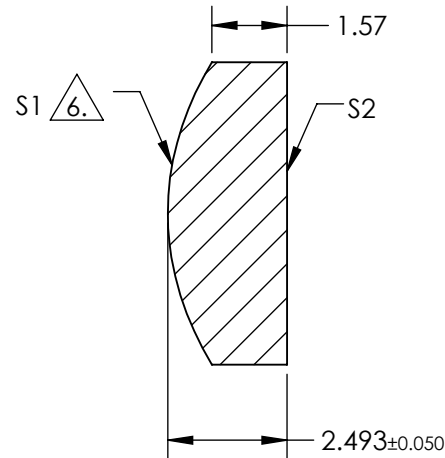
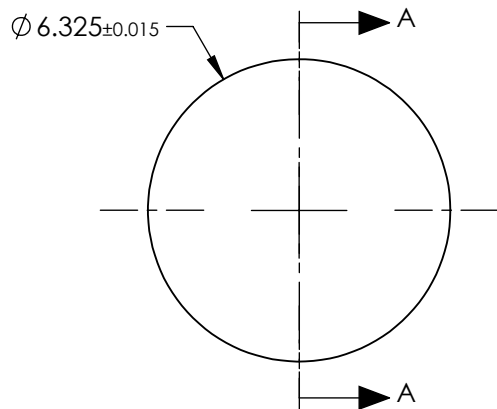


NOTES:

1. SUBSTRATE:
D-ZK3
2. NUMERICAL APERTURE: 0.27
3. COATING
S1 & S2: R(ABS) < 1.0% @ 600 - 1050nm
4. FOCAL LENGTH TOLERANCE: ±1%
5. TRANSMITTED WAVEFRONT ERROR (λ, RMS): < 0.145
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

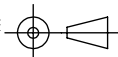


SECTION A-A

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

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL	9.60	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL	8.10		
RADIUS	5.61	INFINITY			TITLE	0.27 NA 9.6mm FL 600-1050nm COATED, LASER TOOL ASPHERIC LENS
SURFACE QUALITY	60 - 40	60 - 40			DWG NO	83698
CLEAR APERTURE	Ø5.20	Ø5.20	ALL DIMS IN	mm		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				SHEET 1 OF 1