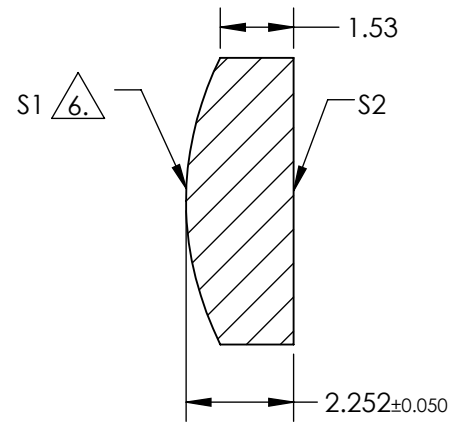
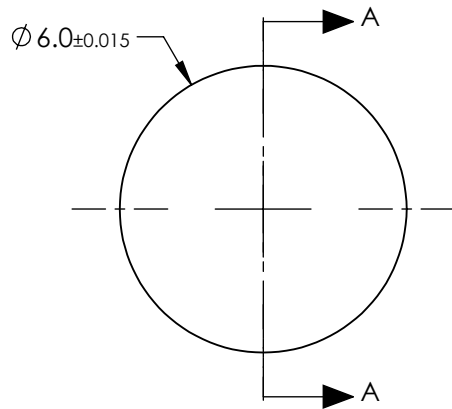


NOTES:

1. SUBSTRATE:
D-ZK3
2. NUMERICAL APERTURE: 0.24
3. COATING
S1 & S2: R(AVG) < 1.0% @ 1050 - 1600nm
4. FOCAL LENGTH TOLERANCE: ±1%
5. TRANSMITTED WAVEFRONT ERROR (λ, RMS): < 0.200
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



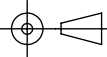
SECTION A-A

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

COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	3.000000E+00
(1/RADIUS)	1.555684E-01
k	-0.573472E+00
D	0.000000E+00
E	-3.899434E-07
F	-4.032671E-07
G	-6.170868E-09
H	-7.688099E-11
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL	11	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL	9.70		
RADIUS	6.43	INFINITY			TITLE	0.24 NA 6mm D X 11mm FL 1050-1600nm COATED, LASER TOOL LENS
SURFACE QUALITY	40 - 20	40 - 20			DWG NO	83707
CLEAR APERTURE	Ø5.20	Ø5.20	ALL DIMS IN	mm		SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				