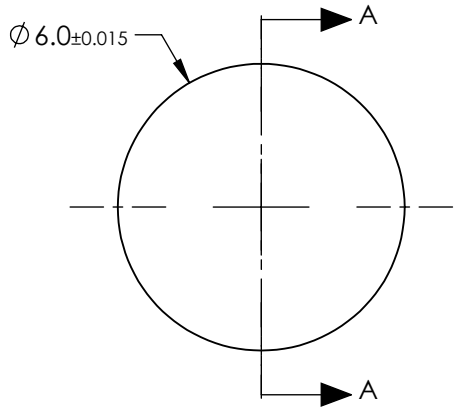
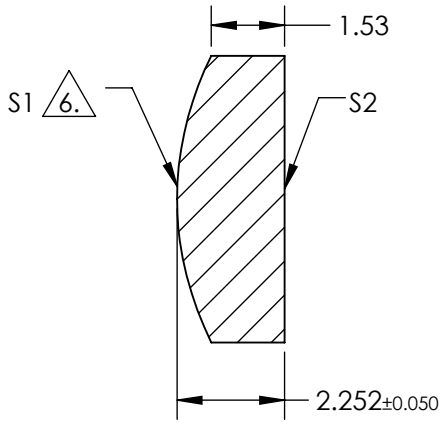
NOTES:

1. SUBSTRATE:
   D-ZK3
2. NUMERICAL APERTURE: 0.24
3. COATING

   S1 & S2: R(AVG) ≤ 0.5% @ 350 - 700nm
4. FOCAL LENGTH TOLERANCE: ±1%
5. TRANSMITTED WAVEFRONT ERROR (λ, RMS): < 0.200
6. ASPHERIC SURFACE DECSRIBED 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	3.000000E+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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	6.43	INFINITY
SURFACE QUALITY	100 - 60	100 - 60
CLEAR APERTURE	Ø5.20	Ø5.20
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL	11	Edmund Optics®	
BFL	9.70		
THIRD ANGLE PROJECTION		TITLE	0.24 NA 6mm D X 11mm FL 350-700nm COATED, LASER TOOL LENS
ALL DIMS IN	mm	DWG NO	83705
			SHEET 1 OF 1