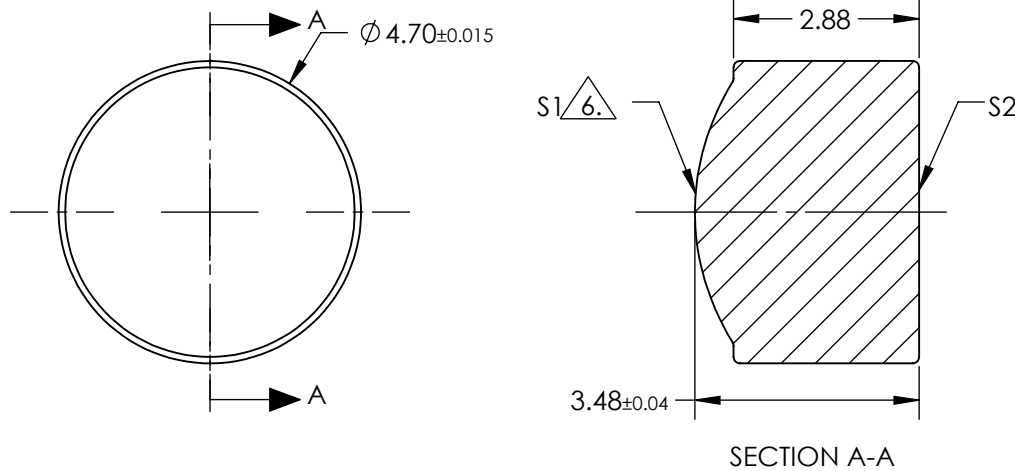


NOTES:

1. SUBSTRATE:
D-ZK3
2. NUMERICAL APERTURE: 0.3
3. COATING
S1 & S2: R(AVG) ≤ 0.5% @ 350 - 700nm
4. FOCAL LENGTH TOLERANCE: ±1%
5. TRANSMITTED WAVEFRONT ERROR (λ, RMS): < 0.070
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

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



COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	2.350000E+00
(1/RADIUS)	2.760045E-01
k	-1.420775E+00
D	0.000000E+00
E	2.353460E-3
F	-8.438695E-7
G	5.362336E-7
H	-7.978966E-9
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 4000nm: 6.20	Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 4000nm: 4.10			
RADIUS	3.62	INFINITY	THIRD ANGLE PROJECTION	TITLE	0.3 NA 6.2mm FL 350-700nm COATED, LASER TOOL ASPHERIC LENS	
SURFACE QUALITY	80-50	80-50	ALL DIMS IN	mm	DWG NO	83709
CLEAR APERTURE	Ø3.70	Ø3.70			SHEET 1 OF 1	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				