NOTES:

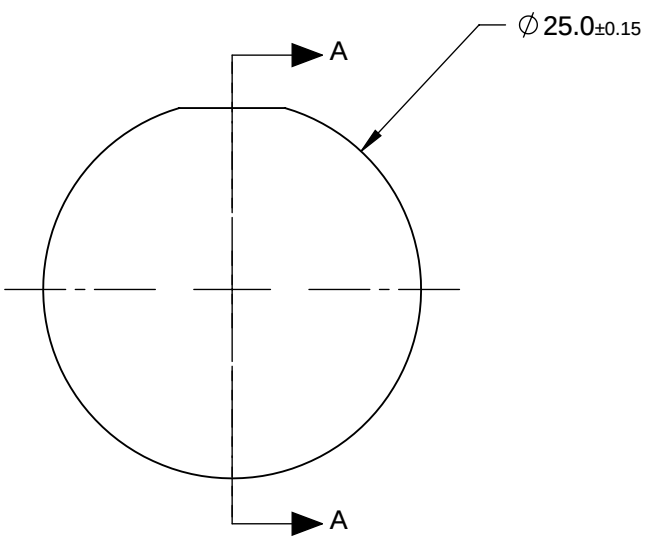
1. SUBSTRATE: GRADE A FINE ANNEALED
   ZEONEX: K22R
   nd=1.535
   vd=56.0

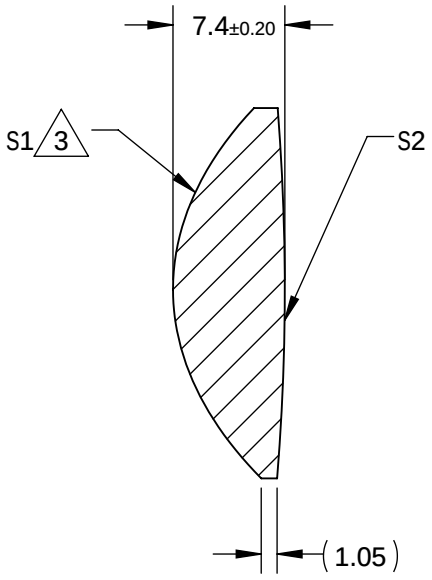
2. COATING
   S1: R(avg) <0.7% @ 600 - 1000nm
   S2: R(avg) <0.7% @ 600 - 1000nm

3. 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





SECTION A-A

COEFFIECIENT TABLE 3	
COEFFIECIENT	**S1**
k	-1.7
D	0
E	4.515816E-05
F	-5.005439E-08
G	8.609712E-11
H	-2.619259E-13
J	2.635988E-16
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	CONVEX	CONVEX
RADIUS	14.24	152.34
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	∅21.5	∅21.5
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	25	Edmund Optics®		
BFL @ 587.6nm	20.52			
THIRD ANGLE PROJECTION		TITLE	25mm DIAMETER X 25mm FL, NIR COATED, K22R PLASTIC ASPHERIC LENS	
ALL DIMS IN	mm	DWG NO	21218	SHEET 1 OF 1