

NOTES:

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

2. COATING

S1: R(avg) <0.7% @ 600 - 1000nm

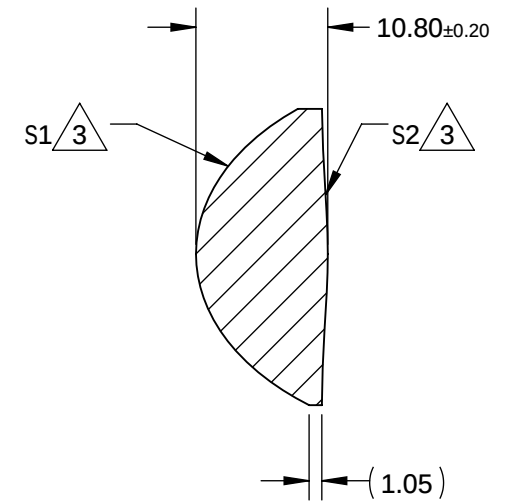
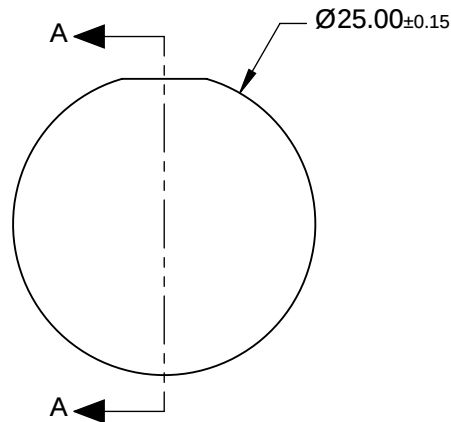
S2: R(avg) <0.7% @ 600 - 1000nm



3. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

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



SECTION A-A

COEFFICIENT TABLE

COEFFICIENT	S1	S2
K	-0.586	-16.6
D	0	0
E	8.3402461E-006	8.8356231E-005
F	3.8410043E-008	-8.221568E-007
G	0	5.7414599E-009
H	0	-2.7583748E-011
J	0	7.9635442E-014
L	0	-1.0281195E-016

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	17.5	Edmund Optics®	
SHAPE	CONVEX	CONVEX	BFL @ 587.6nm	11.22		
RADIUS	10.54	50.47			TITLE	25mm DIAMETER X 17.5mm FL, NIR COATED, K22R PLASTIC ASPHERIC LENS
SURFACE QUALITY	80-50	80-50				
CLEAR APERTURE	Ø 21.5	Ø 21.5			DWG NO	21216
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
			ALL DIMS IN	mm		SHEET 1 OF 1