

NOTES:

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

2. COATING

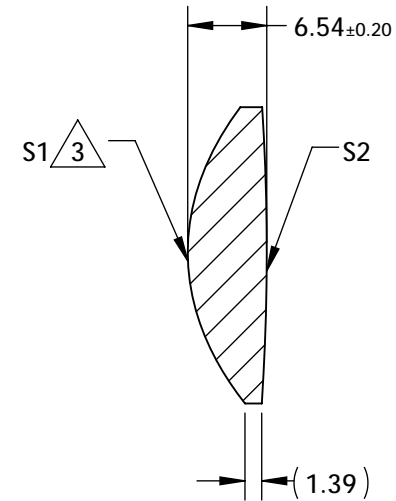
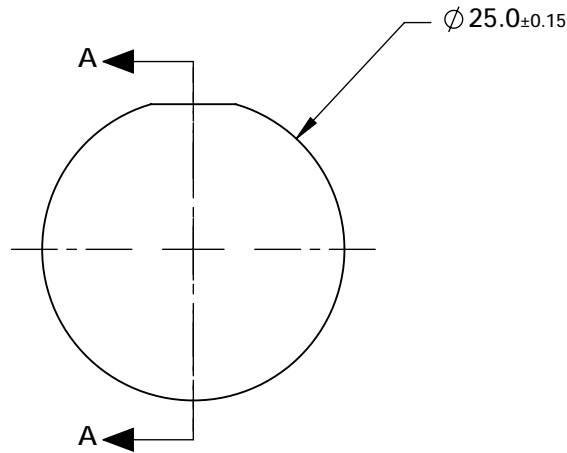
S1: R(avg) <0.7% @ 600 - 1000nm

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
k	-1.66
D	0
E	2.4358169E-005
F	-1.8237247E-008
G	1.5452699E-011
H	-2.6810913E-014
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	30	 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @ 587.6nm	26.04			
RADIUS	17.20	188.00			TITLE	25mm DIAMETER X 30mm FL, NIR COATED, K22R PLASTIC ASPHERIC LENS	
SURFACE QUALITY	80-50	80-50					
CLEAR APERTURE	Ø 21.5	Ø 21.5					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	21219	SHEET 1 OF 1