

NOTES:

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

2. COATING

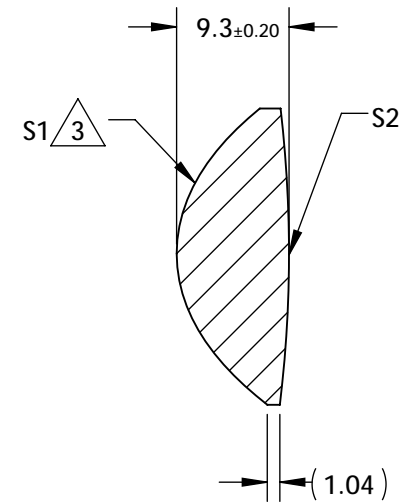
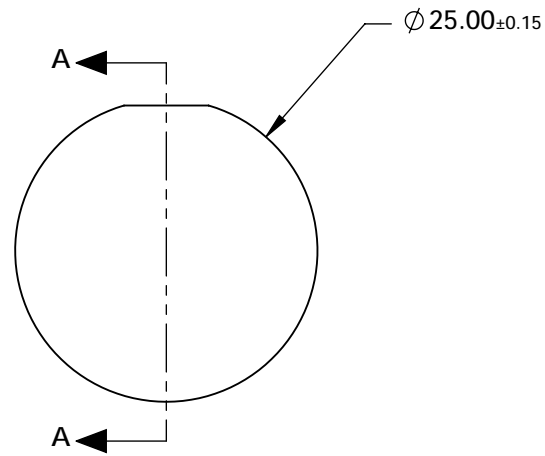
S1: R(avg) <0.7% @ 600 - 1000nm

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 3

COEFFICIENT	S1
k	-2.04
D	0
E	0.00011664432
F	-3.1600492E-007
G	1.2265938E-009
H	-4.6228918E-012
J	6.5644551E-015
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	20	 Edmund Optics®			
SHAPE	CONVEX	CONVEX	BFL @ 587.6nm	14.38				
RADIUS	11.47	103.10			TITLE	25mm DIAMETER X 20mm FL, NIR COATED, K22R PLASTIC ASPHERIC LENS		
SURFACE QUALITY	80-50	80-50						
CLEAR APERTURE	Ø 21.5	Ø 21.5			TITLE	25mm DIAMETER X 20mm FL, NIR COATED, K22R PLASTIC ASPHERIC LENS		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED						
			ALL DIMS IN	mm	DWG NO	21217		SHEET 1 OF 1