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

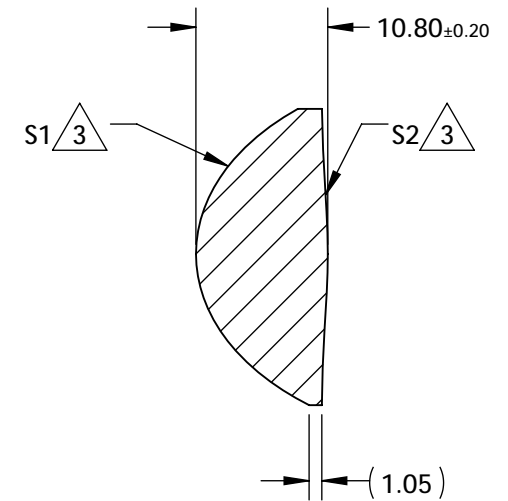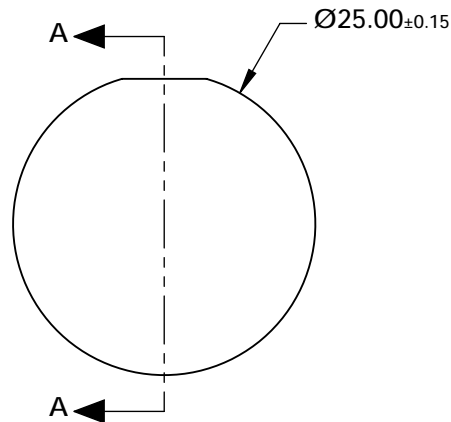2. COATING
   S1: R(avg) <0.7% @ 425 - 675nm
   S2: R(avg) <0.7% @ 425 - 675nm

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

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

Ø25.00±0.15

10.80±0.20

S1 △3   S2 △3

(1.05)

SECTION A-A

COEFFIECIENT TABLE △3

COEFFIECIENT	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
SHAPE	CONVEX	CONVEX
RADIUS	10.54	50.47
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø 21.5	Ø 21.5
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	17.5	
BFL @ 587.6nm	11.22	

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 25mm DIAMETER X 17.5mm FL, VIS COATED, K22R PLASTIC ASPHERIC LENS

ALL DIMS IN: mm

DWG NO: 21210

SHEET 1 OF 1