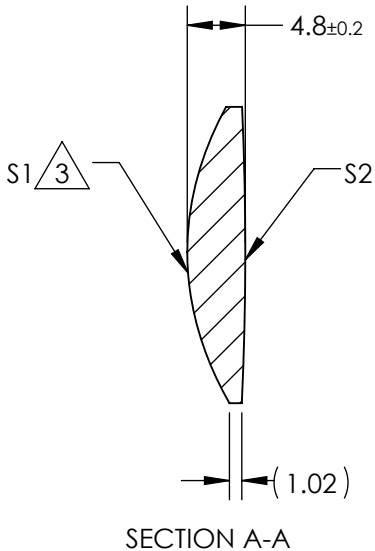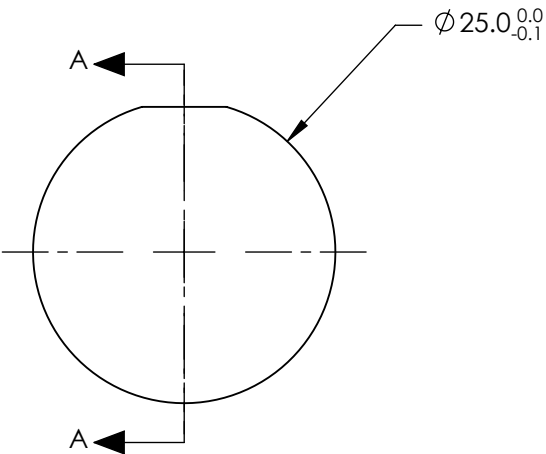NOTES:
1. SUBSTRATE: GRADE A FINE ANNEALED
   ZEONEX: E48R
   nd=1.531
   vd=56.0

2. COATING

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

$\triangle$3. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

$\varnothing 25.0^{0.0}_{-0.1}$

A

A

4.8 ± 0.2

S1 $\triangle$3   S2

(1.02)

SECTION A-A

COEFFIECIENT TABLE $\triangle$3	
COEFFIECIENT	S1
k	-1.48
D	0
E	8.2672266E-006
F	-2.45756241E-009
G	0
H	0
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	CONVEX	CONVEX
RADIUS	22.92	269.80
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	$\varnothing 23$	$\varnothing 23$
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	40
BFL @ 587.6nm	37.09

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 25mm DIAMETER X 40mm FL, NIR COATED, PLASTIC ASPHERIC LENS

ALL DIMS IN | mm

DWG NO | 66024

SHEET 1 OF 1