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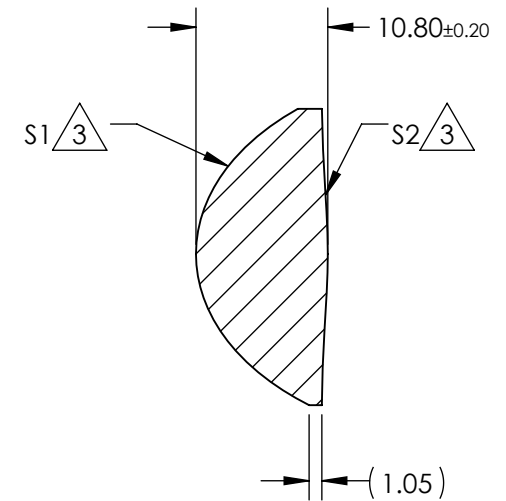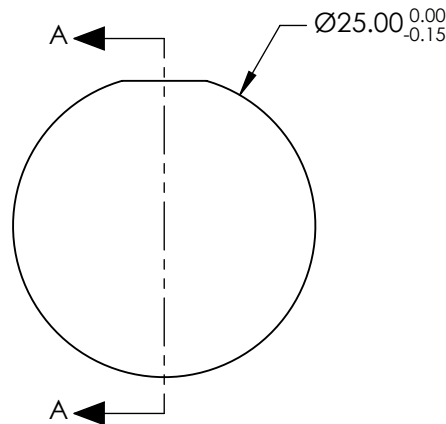   vd=56.0

2. COATING

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

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

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

$\varnothing 25.00^{0.00}_{-0.15}$

A — A

10.80 ± 0.20

S1 $\triangle$3   S2 $\triangle$3

(1.05)

SECTION A-A

COEFFIECIENT TABLE $\triangle$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	$\varnothing 23$	$\varnothing 23$
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, PLASTIC ASPHERIC LENS

ALL DIMS IN: mm

DWG NO: 66013

SHEET 1 OF 1