

**NOTES:**

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

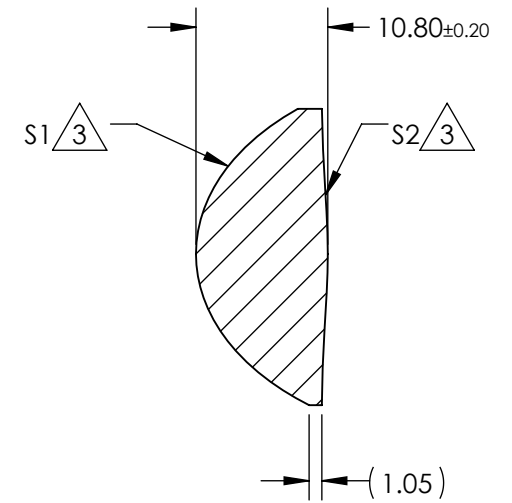
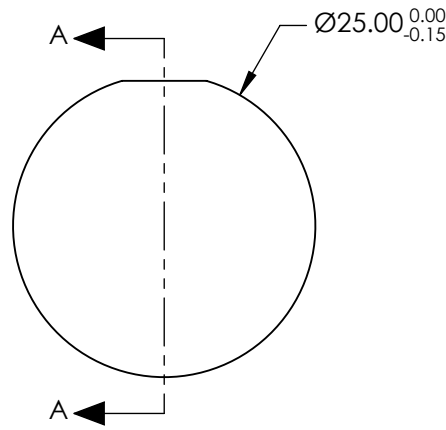
2. COATING

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

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  $\triangle 3$

COEFFICIENT	S1	S2
<b>k</b>	-0.586	-16.6
<b>D</b>	0	0
<b>E</b>	8.3402461E-006	8.8356231E-005
<b>F</b>	3.8410043E-008	-8.221568E-007
<b>G</b>	0	5.7414599E-009
<b>H</b>	0	-2.7583748E-011
<b>J</b>	0	7.9635442E-014
<b>L</b>	0	-1.0281195E-016

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY**

REV. A	S1	S2	EFL @ 587.6nm	17.5	 <b>Edmund Optics®</b>		
SHAPE	CONVEX	CONVEX	BFL @ 587.6nm	11.22			
RADIUS	10.54	50.47	THIRD ANGLE PROJECTION		TITLE	25mm DIAMETER X 17.5mm FL, NIR COATED, PLASTIC ASPHERIC LENS	
SURFACE QUALITY	80-50	80-50	ALL DIMS IN	mm	DWG NO	66020	SHEET 1 OF 1
CLEAR APERTURE	Ø 23	Ø 23					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					