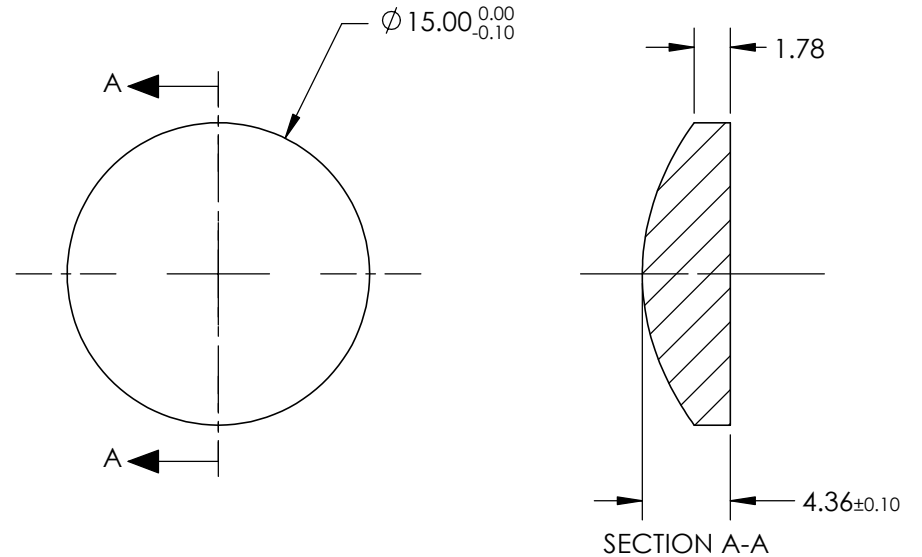NOTES:
1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: N0NE
   S2: N0NE

3. EDGES: FINE GROuND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75μm RMS

/6.\ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

$\varnothing 15.00^{0.00}_{-0.10}$

1.78

4.36±0.10

SECTION A-A

COEFFIECIENT TABLE /7\	
COEFFIECIENT	S1
k	-6.483400E-01
D	0
E	6.650100E-06
F	9.907000E-09
G	0
H	0
J	0
L	0

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6μm	25	® Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	22.01		
RADIUS	11.463	INFINITY	THIRD ANGLE PROJECTION		TITLE	15mm DIA 0.30 NA UNCOATED, UV FUSED SILICA ASPHERIC LENS
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%	ALL DIMS IN	mm	DWG NO	33948
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				SHEET 1 OF 1