NOTES:

1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: NONE
   S2: NONE

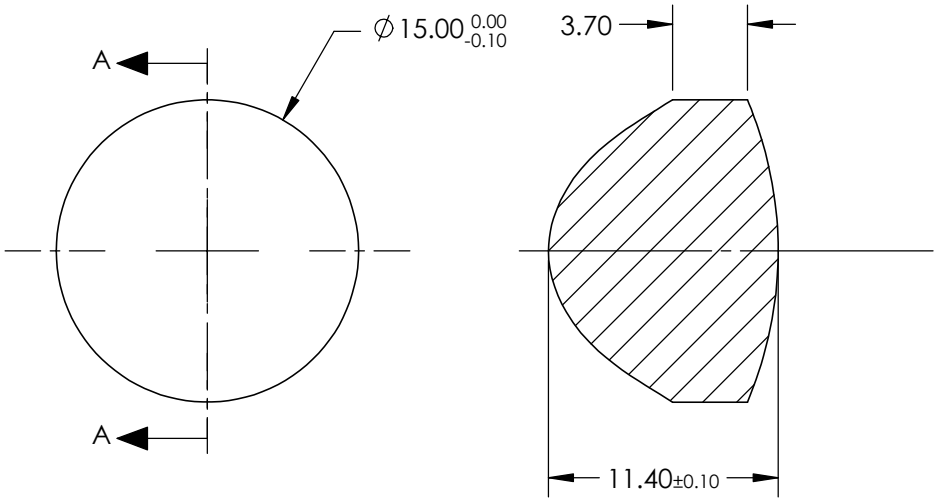
3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75µm RMS

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

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



SECTION A-A

COEFFIECIENT TABLE 7

COEFFIECIENT	S1
k	-4.835000E+00
D	0
E	2.271180E-03
F	-5.317630E-05
G	1.383320E-06
H	-2.114800E-08
J	1.182270E-10
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
SHAPE	CONVEX	CONVEX
RADIUS	4.900	19.138
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6µm	10	Edmund Optics®	
BFL @ 587.6µm	2.69		
THIRD ANGLE PROJECTION		TITLE	15mm DIA 0.75 NA UNCOATED, UV FUSED SILICA ASPHERIC LENS
ALL DIMS IN	mm	DWG NO	33947
			SHEET 1 OF 1