NOTES:

1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: R(avg) <1.5% @ 425 - 675nm
   S2: R(avg) <1.5% @ 425 - 675nm

3. EDGES: FINE GROuND

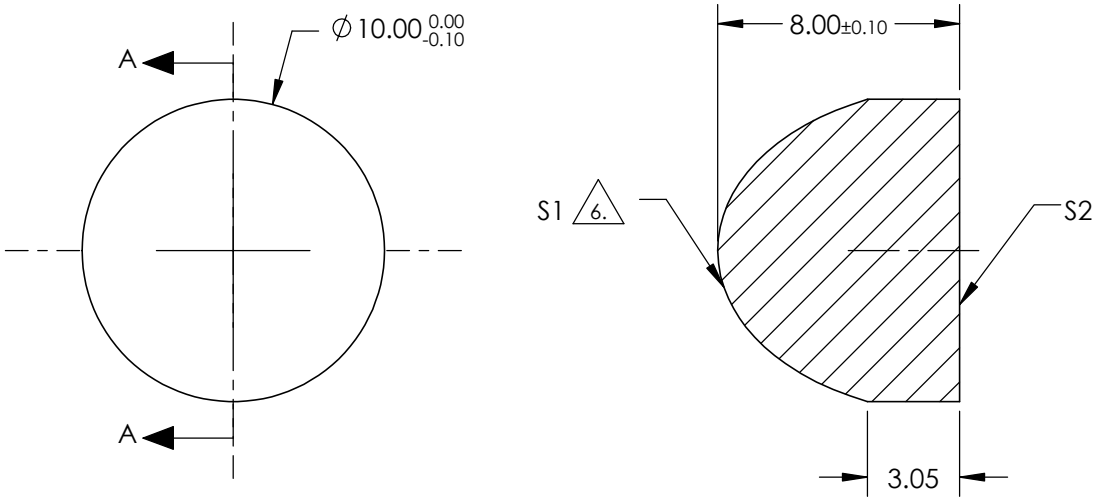
4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75µm RMS

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

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING



SECTION A-A

COEFFIECIENT TABLE 7	
COEFFIECIENT	**S1**
k	-0.6304671
D	0
E	3.02572720E-04
F	1.33174950E-05
G	-4.50973140E-07
H	6.24440290E-08
J	-2.29764680E-09
L	5.04632850E-11

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	3.668	INFINITY
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	8	Edmund Optics®	
BFL @ 587.6nm	2.52		
THIRD ANGLE PROJECTION		TITLE	10mm DIA 0.63 NA VIS COATED, UV FUSED SILICA ASPHERIC LENS
ALL DIMS IN	mm	DWG NO	87985
			SHEET 1 OF 1