

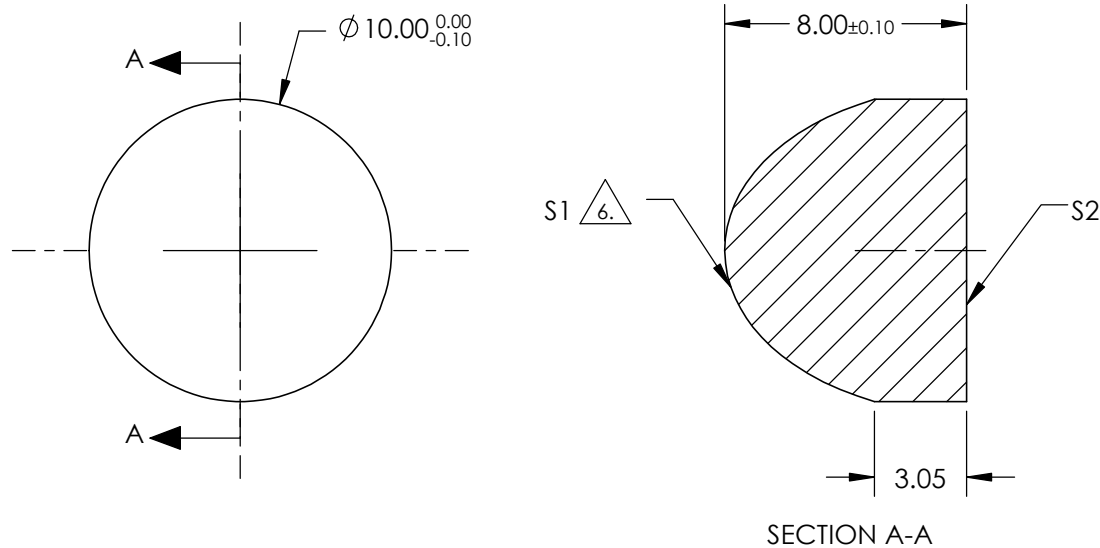
NOTES:

- SUBSTRATE: FUSED SILICA
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) <2.5% @ 250 - 700nm
S2: R(avg) <2.5% @ 250 - 700nm
- EDGES: FINE GROUND
- CENTERING: <3-5 ARCMIN
- ASPHERE FIGURE ERROR: 0.75µm RMS

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

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

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



COEFFICIENT TABLE 7	
COEFFICIENT	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	EFL @ 587.6nm	8	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	2.52			
RADIUS	3.668	INFINITY			TITLE	10mm DIA 0.63 NA UV-VIS COATED, UV FUSED SILICA ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	87981	SHEET 1 OF 1