

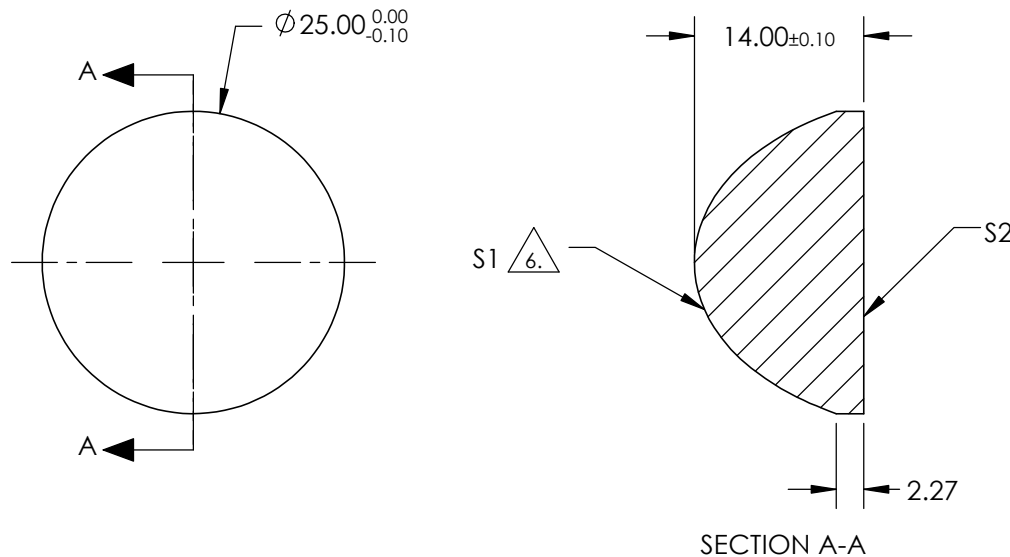
**NOTES:**

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

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


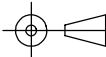
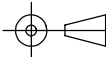
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFICIENT TABLE 7	
COEFFICIENT	S1
k	-1.102626E+00
D	0
E	8.791869E-05
F	3.051652E-07
G	-7.950597E-10
H	8.042043E-12
J	0
L	0

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

REV. A	S1	S2	EFL @ 587.6nm	20	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	10.4			
RADIUS	9.170	INFINITY			TITLE	25mm DIA 0.63 NA UV-VIS COATED, UV FUSED SILICA ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%			DWG NO	84337	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
			ALL DIMS IN	mm	SHEET 1 OF 1		