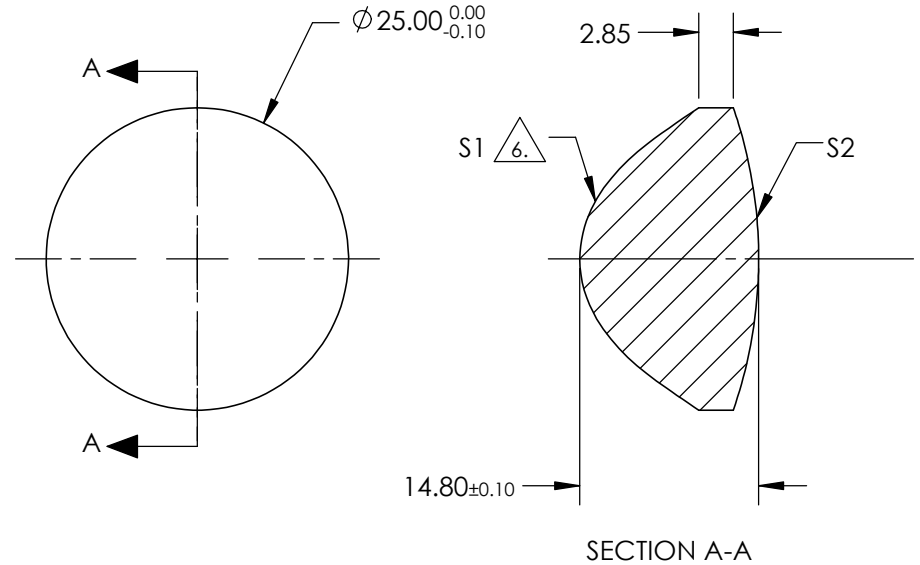


NOTES:

1. SUBSTRATE: FUSED SILICA
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) ≤1.5% @ 600 - 1050nm
S2: R(avg) ≤1.5% @ 600 - 1050nm
3. EDGES: FINE GROUND
4. CENTERING: <3-5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75μm RMS

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

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

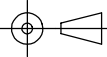


COEFFICIENT TABLE △7

COEFFICIENT	S1
k	-1.530000E+00
D	0
E	1.350000E-04
F	-9.631000E-08
G	5.700000E-09
H	-6.712900E-11
J	1.760000E-13
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	17.5	 Edmund Optics®	
SHAPE	CONVEX	CONVEX	BFL @ 587.6μm	8.37		
RADIUS	8.920	38.177			TITLE	25mm DIA 0.69 NA NIR COATED, UV FUSED SILICA ASPHERIC LENS
SURFACE QUALITY	60-40	60-40			DWG NO	33965
CLEAR APERTURE	90%	90%	ALL DIMS IN	mm		
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				SHEET 1 OF 1