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

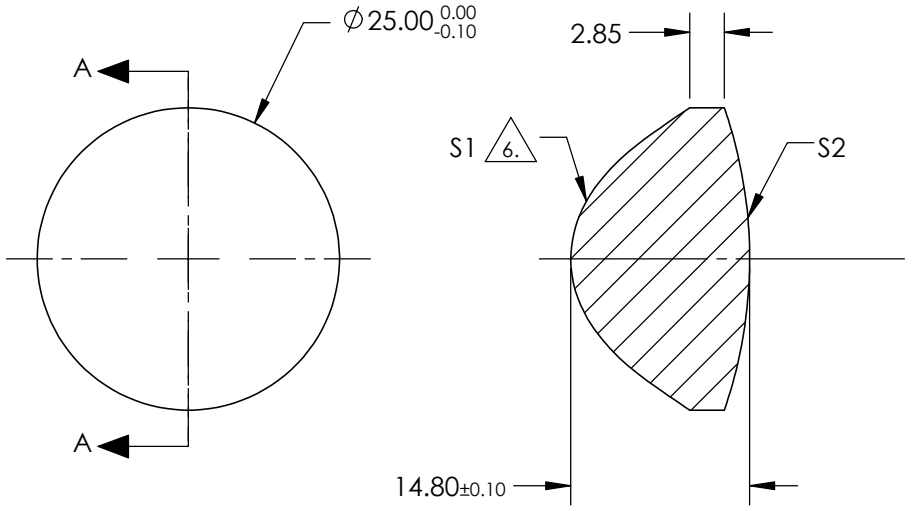
3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75µm RMS

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

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



SECTION A-A

COEFFIECIENT TABLE △7	
COEFFIECIENT	**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
SHAPE	CONVEX	CONVEX
RADIUS	8.920	38.177
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6µm	17.5
BFL @ 587.6µm	8.37
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	25mm DIA 0.69 NA VIS COATED, UV FUSED SILICA ASPHERIC LENS
DWG NO	33961
SHEET	1 OF 1