NOTES:
1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: R(ABS) ≤0.25% @ 1064nm
   S2: R(ABS) ≤0.25% @ 1064nm
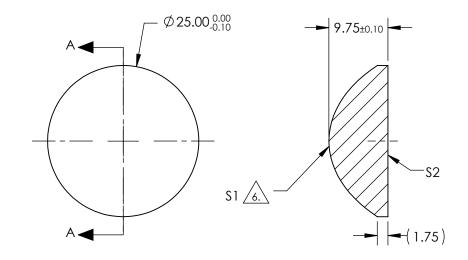
3. EDGES: FINE GROuND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μm RMS

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

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

$\varnothing\ 25.00^{0.00}_{-0.10}$

9.75 ± 0.10

(1.75)

S1 ⟨6.⟩

S2

SECTION A-A

COEFFICIENT TABLE ⟨6.⟩	
COEFFICIENT	**S1**
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	0.087245E+00
k	-1.661222E+00
D	0.000000E+00
E	9.167422E-05
F	-7.166362E-08
G	3.556474E-10
H	-1.041049E-13
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	11.462	INFINITY
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	22.5	22.5
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6μm	25
BFL @ 587.6μm	18.32

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 25mm DIA 0.50 NA, 1064nm V-COAT, ASPHERIC LENS

ALL DIMS IN: mm

DWG NO: 33019

SHEET 1 OF 1