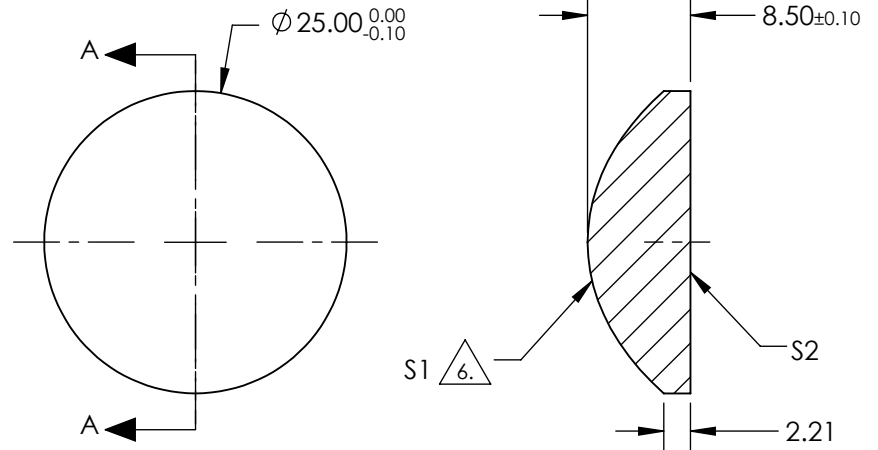


**NOTES:**

1. SUBSTRATE: FUSED SILICA
2. COATING (APPLY ACROSS CLEAR APERTURE)  
 S1: R(ABS) <0.25% @ 355nm  
 S2: R(ABS) <0.25% @ 355nm
3. EDGES: FINE GROUND
4. CENTERING: <3-5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75 μm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



SECTION A-A

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

COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	0.727061E-01
k	-2.050191E+00
D	0.000000E+00
E	7.122875E-05
F	-1.068822E-07
G	3.288487E-10
H	-3.774342E-13
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6μm	30	Edmund Optics®
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	24.17	
RADIUS	13.754	INFINITY	THIRD ANGLE PROJECTION		25mm DIA 0.42 NA, 355nm V-COAT, ASPHERIC LENS
SURFACE QUALITY	60-40	60-40	ALL DIMS IN	mm	
CLEAR APERTURE	∅ 22.5	∅ 22.5	TITLE		DWG NO 33012
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	SHEET 1 OF 1		