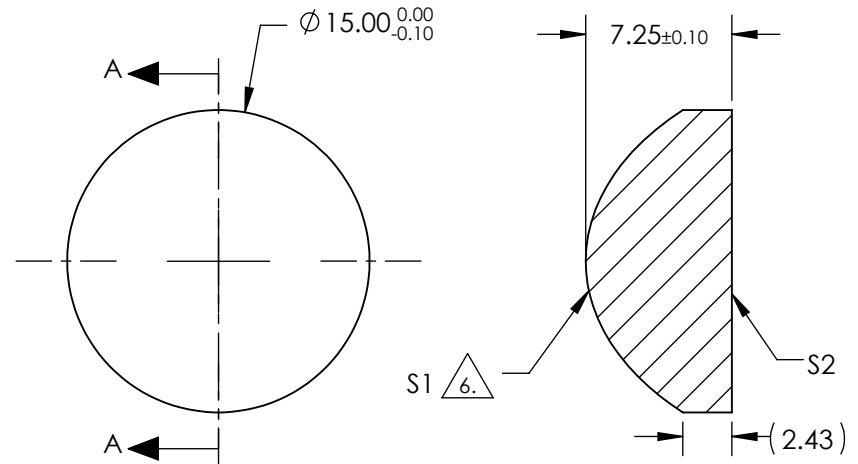NOTES:
1. SUBSTRATE: FUSED SILICA

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)

$$Z_{ASPH}(Y) = \frac{(1/_{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (1/_{RADIUS})^2 * Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$
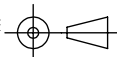
$\varnothing\,15.00^{0.00}_{-0.10}$

7.25 ± 0.10

A
A

S1 /6.\

S2

(2.43)

SECTION A-A

COEFFIECIENT TABLE /6.\	
COEFFIECIENT	**S1**
k	-2.076598
D	0.000000E+00
E	5.7879951E-04
F	-3.1626095E-06
G	3.4718029E-08
H	-1.0192328E-10
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	6.877	INFINITY
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	13.5	13.5
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6μm	15
BFL @ 587.6μm	10.03

THIRD ANGLE PROJECTION

Edmund Optics®

TITLE: 15mm DIA 0.50 NA, 1064nm V-COAT, ASPHERIC LENS

ALL DIMS IN: mm

DWG NO: 33018

SHEET 1 OF 1