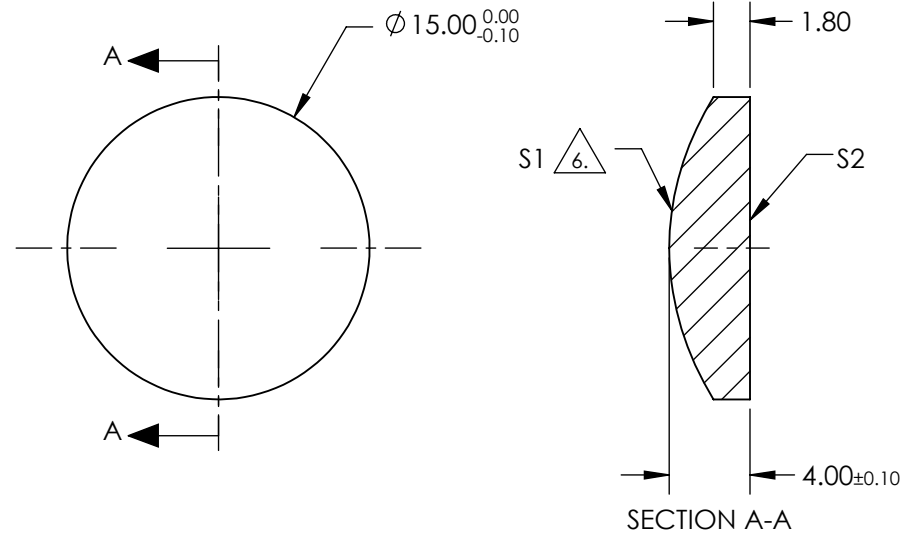


NOTES:

1. SUBSTRATE: L-BAL35
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: 0.75 μm RMS

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

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

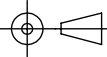


COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	7.544320E-02
k	-2.364143E+00
D	0.000000E+00
E	9.556690E-05
F	-2.609526E-07
G	1.124621E-09
H	-2.998908E-12
J	0.000000E+00
L	0.000000E+00

**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	22.5	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	19.98		
RADIUS	13.255	INFINITY			TITLE	15mm DIA., 0.33 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS
SURFACE QUALITY	60-40	60-40			DWG NO	49112
CLEAR APERTURE	90%	90%	ALL DIMS IN	mm		SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				