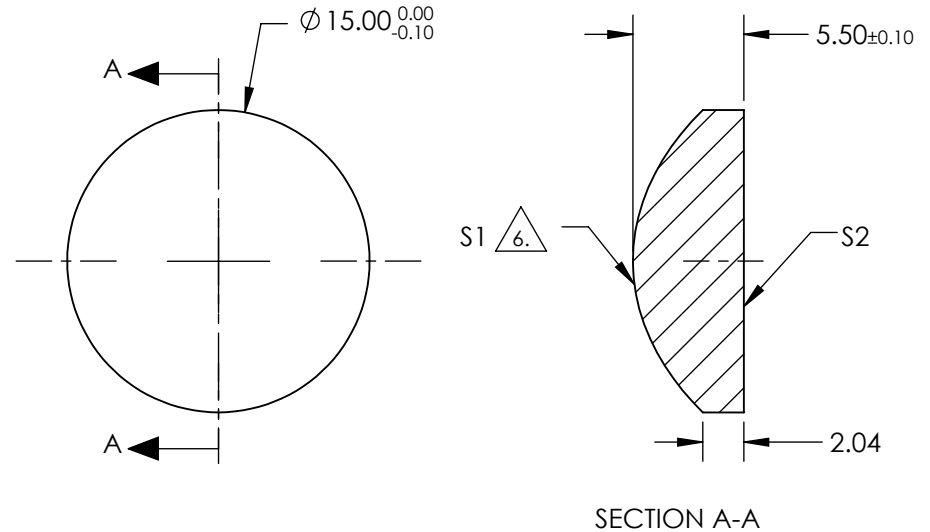


NOTES:

- SUBSTRATE: L-BAL35
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) ≤1.5% @ 600 - 1050nm
S2: R(avg) ≤1.5% @ 600 - 1050nm
- EDGES: FINE GROUND
- CENTERING: 3-5 ARCMIN
- 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)	1.131606E-01
k	-1.427973E+00
D	0.000000E+00
E	1.577441E-04
F	-6.152040E-08
G	8.528969E-10
H	-3.504659E-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	15	Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	11.54		
RADIUS	6.628	INFINITY	THIRD ANGLE PROJECTION		TITLE	15mm DIA., 0.50 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%	ALL DIMS IN		DWG NO	49110
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
			mm			SHEET 1 OF 1