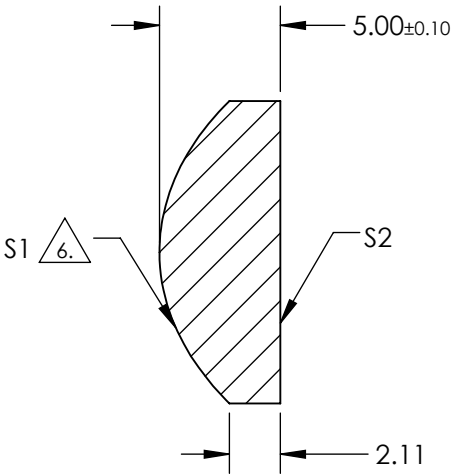
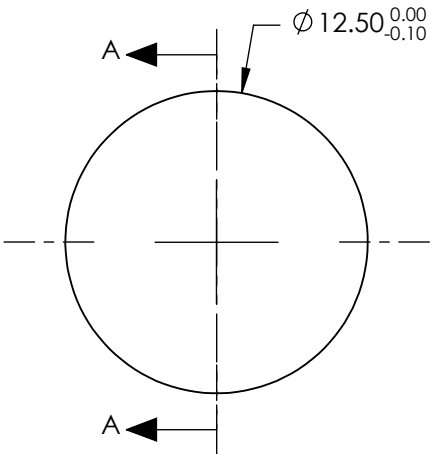


NOTES:

1. SUBSTRATE: L-BAL35
2. COATING
S1: NONE
S2: NONE
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)

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

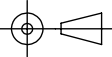


SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	6.250000E+00
(1/RADIUS)	1.357958E-01
k	-1.058074E+00
D	0.000000E+00
E	1.573925E-04
F	4.159784E-07
G	-3.720000E-10
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

REV. A	S1	S2	EFL @587.6 : 12.5	 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @587.6 : 9.35			
RADIUS	7.364	INFINITY		TITLE	12.5mm DIA, 0.50 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%				
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	69855
					SHEET 1 OF 1	