NOTES:

1. SUBSTRATE: LIBA2000+

2. COATING:

   S1 & S2: NONE

3. FOCAL LENGTH TOLERANCE: ±5%

4. CENTERING: 25 ARCMIN

5. RoHS: COMPLIANT

6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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

A — A

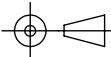$\varnothing 8.50^{0.00}_{-0.20}$

4.00 ± 0.20

S1 — S2
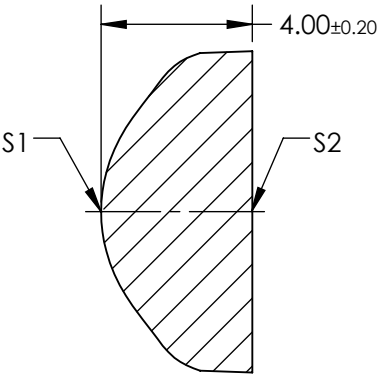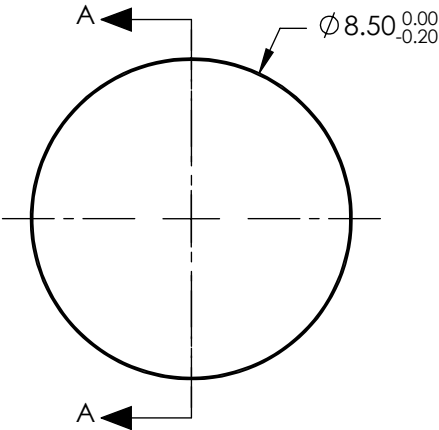
SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	4.250000E+00
(1/RADIUS)	0.258398E+00
k	-0.925000E+00
D	0.000000E+00
E	-0.003740E+00
F	0.001541E+00
G	0.000170E+00
H	5.360000E-06
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø6.80	Ø6.80
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 7.4mm

BFL: 4.77mm

THIRD ANGLE PROJECTION

Edmund Optics®

TITLE: 8.5mm DIA. X 7.4mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS

ALL DIMS IN mm

DWG NO 34457

SHEET 1 OF 1