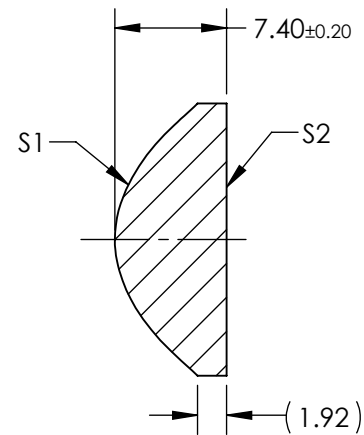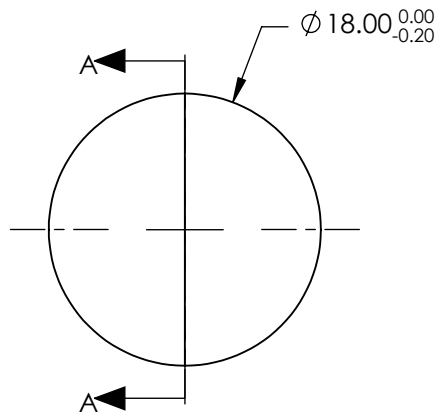NOTES:

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

$$Z(Y)= \frac{\left(\frac{1}{RADIUS}\right)*Y^2}{1+\sqrt{1-(1+k)*\left(\frac{1}{RADIUS}\right)^2*Y^2}} +D*Y^2+E*Y^4+F*Y^6+G*Y^8+H*Y^{10}+J*Y^{12}+L*Y^{14}+M*Y^{16}$$

$\emptyset$ 18.00 $^{0.00}_{-0.20}$

A — A

7.40±0.20

S1 — S2

(1.92)

SECTION A-A

COEFFICIENT TABLE 6.	
	S1
SEMI-DIAMETER	9.000000E+00
COEFFICIENT	
(1/RADIUS)	0.141633E+00
k	-1.131000+00
D	0.000000E+00
E	-0.000210E+00
F	-6.350000E-06
G	-4.600000E-08
H	0.000000E+00
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	$\emptyset$14.40	$\emptyset$14.40
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 13.50 mm
BFL: 8.64 mm

THIRD ANGLE PROJECTION

Edmund Optics®

TITLE: 18mm Dia. x 13.5mm FL, Uncoated Molded Aspheric Condenser Lens

ALL DIMS IN mm

DWG NO 34461

SHEET 1 OF 1