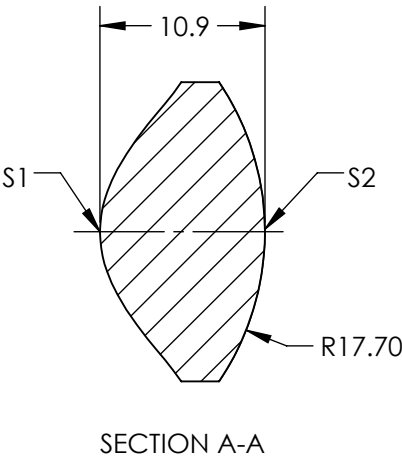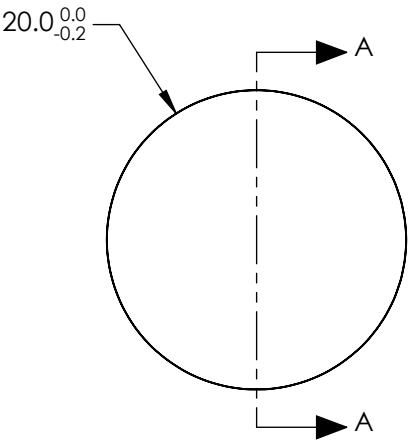NOTES:

1. SUBSTRATE: LIBA2000+

2. COATING:

   S1 & S2: UNCOATED

3. FOCAL LENGTH TOLERANCE: ±7%

4. CENTERING: 30 ARCMIN

5. RoHS: COMPLIANT

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

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

$20.0^{0.0}_{-0.2}$

A

A

SECTION A-A

10.9

S1

S2

R17.70

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	10.000000E+00
(1/RADIUS)	0.146826E+00
k	-3.014000E+00
D	0.000000E+00
E	3.000000E-04
F	-1.970000E-06
G	0.000000E+00
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	CONVEX
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø16.00	Ø16.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 11mm

BFL: 4.86mm

THIRD ANGLE PROJECTION

Edmund Optics®

TITLE: 20mm DIA. X 11mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS

ALL DIMS IN mm

DWG NO 88288

SHEET 1 OF 1