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

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

A

A

$\varnothing\,20.00^{0.00}_{-0.20}$

8.30 ± 0.50

S1

S2

R117.50

SECTION A-A
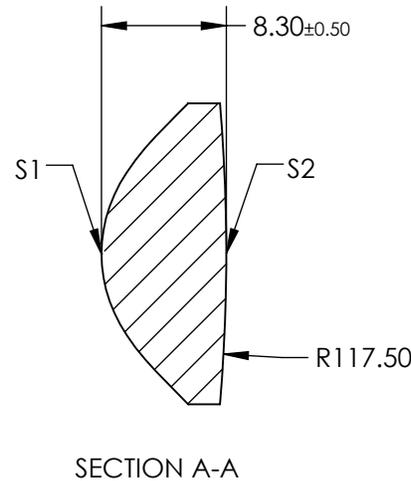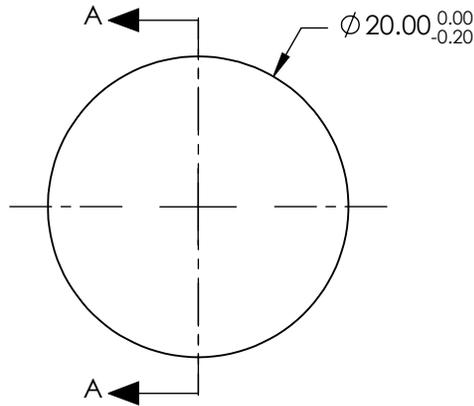
COEFFICIENT TABLE

COEFFIECIENT	S1
SEMI-DIAMETER	10.000000E+00
(1/RADIUS)	0.103890E+00
k	-1.000000E+00
D	0.000000E+00
E	0.000231E+00
F	-2.000000E-06
G	2.560000E-09
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: 17.5mm

BFL: 12.35mm

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®
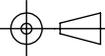
TITLE: 20mm DIA. X 17.5mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS

DWG NO: 88290

SHEET 1 OF 1