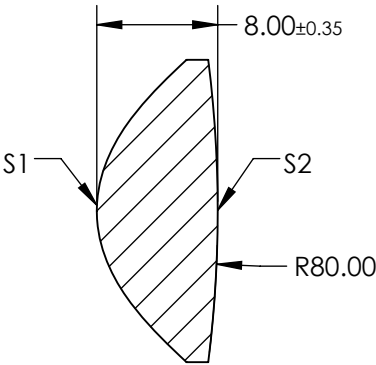
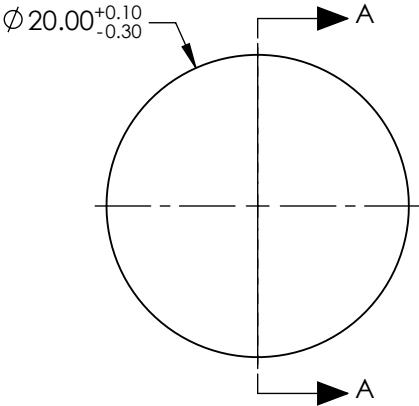


NOTES:

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:
S1 & S2: R(AVG) ≤0.5% @ 600 - 1050nm
- 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

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


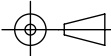


SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	10.000000E+00
(1/RADIUS)	0.119058E+00
k	-0.958000E+00
D	0.000000E+00
E	4.314000E-05
F	-5.400000E-07
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: 16mm		<div> Edmund Optics®</div>			
BFL: 11.1mm					
THIRD ANGLE PROJECTION			TITLE	20mm DIA. x 16mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS	
ALL DIMS IN	mm	DWG NO	15890		SHEET 1 OF 1