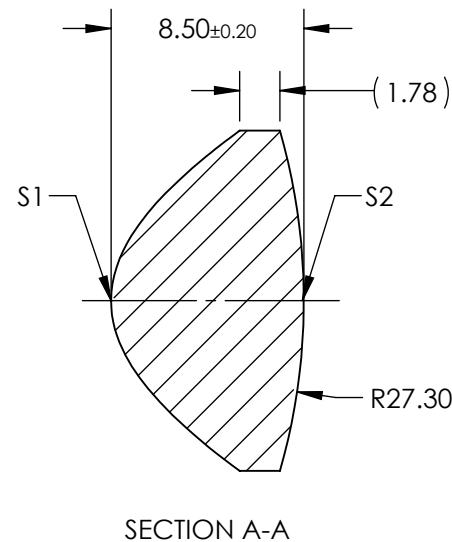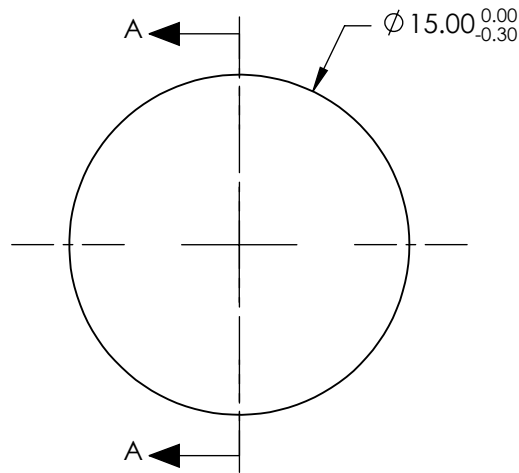NOTES:

1. SUBSTRATE: LIBA2000+

2. COATING:

   S1 & S2: NONE

3. FOCAL LENGTH TOLERANCE: ±7%

4. CENTERING: ≤25ARCMIN

5. RoHS: COMPLIANT

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

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1+\sqrt{1-(1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$
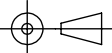
ϕ 15.00 $^{0.00}_{-0.30}$

8.50±0.20

(1.78)

S1   S2

R27.30

SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	0.220056E+00
k	-7.680000E-01
D	0.000000E+00
E	-3.750800E-04
F	-4.762400E-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

EFL: 8.25mm

BFL: 7.96mm

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 15mm DIA. x 8.25mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS

	S1	S2
SHAPE	CONVEX	CONVEX
SURFACE QUALITY	As Molded	As Molded
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

ALL DIMS IN   mm

DWG NO   15173

SHEET 1 OF 1