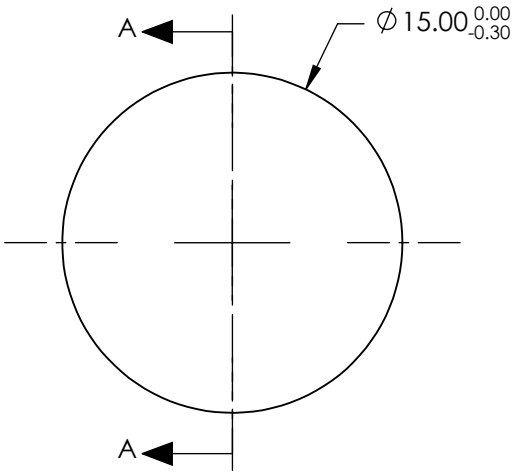
NOTES:

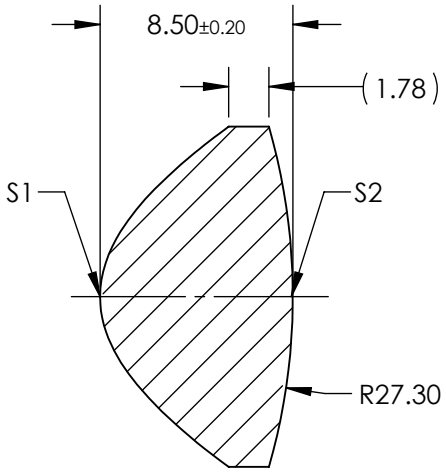
1. SUBSTRATE: LIBA2000+
2. COATING:

   S1 & S2: R(AVG) ≤0.5% @ 600 - 1050nm
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

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





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

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

EFL: 8.25mm
BFL: 7.96mm

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 15mm DIA. x 8.25mm FL, NIR I Coated, COATED, MOLDED ASPHERIC CONDENSOR LENS

ALL DIMS IN: mm

DWG NO: 15887

SHEET 1 OF 1