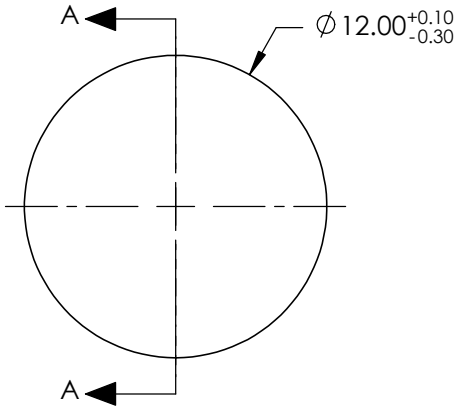
NOTES:

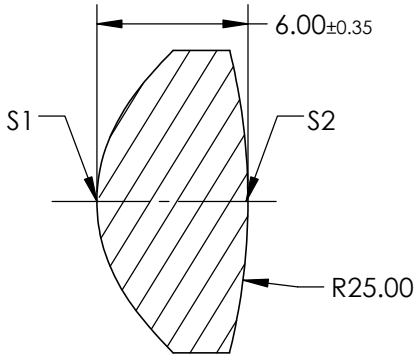
1. SUBSTRATE: LIBA2000+
2. COATING:

   S1 & S2: R(AVG) ≤0.5% @ 600 - 1050nm
3. FOCAL LENGTH TOLERANCE: ±5%
4. CENTERING: 25 ARCMIN
5. RoHS: COMPLIANT
6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	6.000000E+00
(1/RADIUS)	0.153680E+00
k	-0.520000E+00
D	0.000000E+00
E	0.000278E+00
F	-9.742800E-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	Ø9.60	Ø9.60
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 10.5mm
BFL: 6.06mm
THIRD ANGLE PROJECTION
ALL DIMS IN mm

Edmund Optics®

TITLE: 12mm DIA. x 10.5mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS

DWG NO: 15883

SHEET 1 OF 1