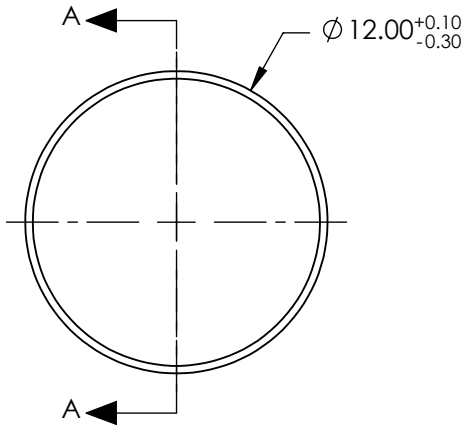
NOTES:

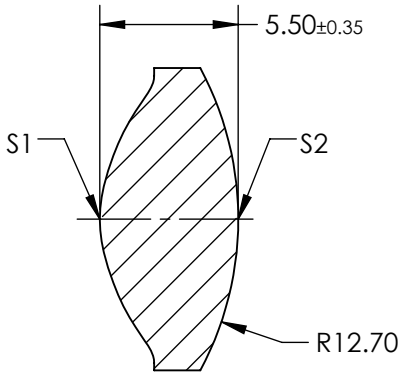
1. SUBSTRATE: LIBA2000+
2. COATING:

   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

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	12.000000E+00
(1/RADIUS)	0.210833E+00
k	-0.980290E+00
D	0.000000E+00
E	0.000450E+00
F	5.970000E-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: 7.5mm		Edmund Optics®	
BFL: 4.56mm			
THIRD ANGLE PROJECTION		TITLE	12mm DIA. x 7.5mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS
ALL DIMS IN	mm	DWG NO	15882
			SHEET 1 OF 1