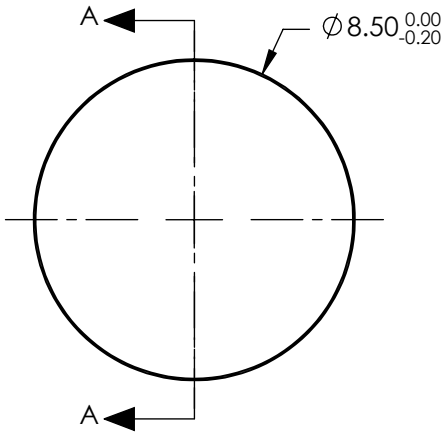
NOTES:

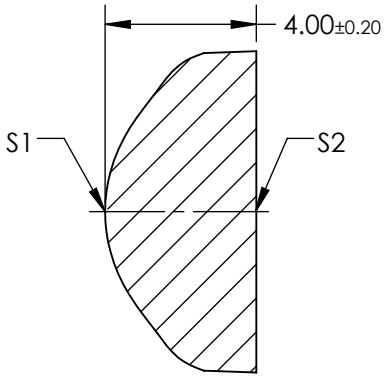
1. SUBSTRATE: LIBA2000+
2. COATING:

   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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

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





SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	4.250000E+00
(1/RADIUS)	0.258398E+00
k	-0.925000E+00
D	0.000000E+00
E	-0.003740E+00
F	0.001541E+00
G	0.000170E+00
H	5.360000E-06
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø6.80	Ø6.80
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 7.4mm		Edmund Optics®	
BFL: 4.77mm			
THIRD ANGLE PROJECTION		TITLE	8.5mm DIA. x 7.4mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS
ALL DIMS IN	mm	DWG NO	15880 SHEET 1 OF 1