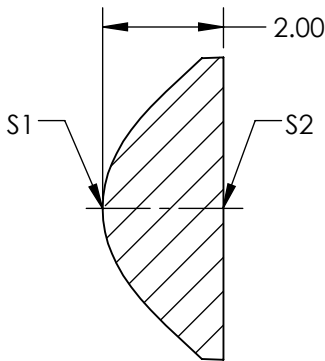
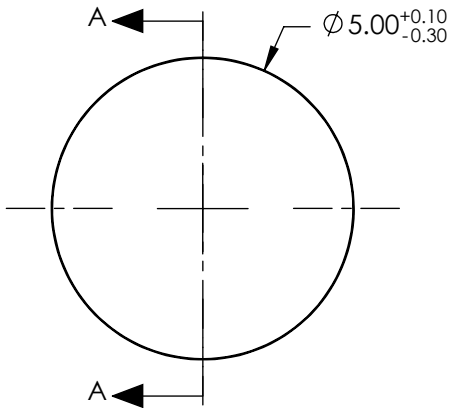


NOTES:

**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:  
S1: ¼ WAVE MgF2 @550nm  
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

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


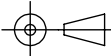


SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	2.500000E+00
(1/RADIUS)	0.519751E+00
k	-0.900000E+00
D	0.000000E+00
E	4.970000E-03
F	-1.360000E-03
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	PLANO
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø4.00	Ø4.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 3.7mm		<div> Edmund Optics®</div>			
BFL: 2.40mm					
THIRD ANGLE PROJECTION			TITLE	5mm DIA. x 3.7mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSER LENS	
ALL DIMS IN	mm		DWG NO	15877	SHEET 1 OF 1