

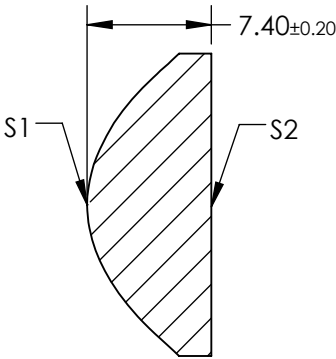
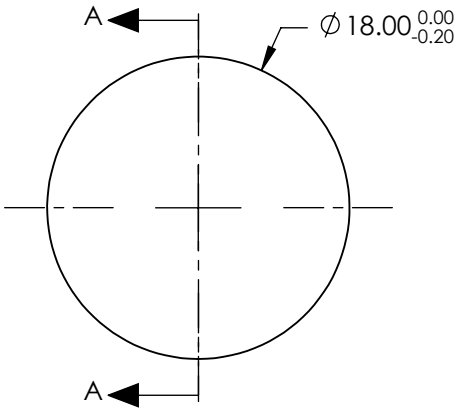
NOTES:

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

- 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

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


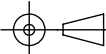


SECTION A-A

COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	9.000000E+00
(1/RADIUS)	0.141633E+00
k	1.131000+00
D	0.000000E+00
E	-0.000210E+00
F	6.350000E-06
G	-4.6000000E-8
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	Ø14.40	Ø14.40
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 13.5mm		<div> Edmund Optics®</div>		
BFL: 8.64mm				
<div>THIRD ANGLE PROJECTION</div> 		TITLE	18mm DIA. x 13.5mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS	
		ALL DIMS IN	mm	DWG NO
				SHEET 1 OF 1