

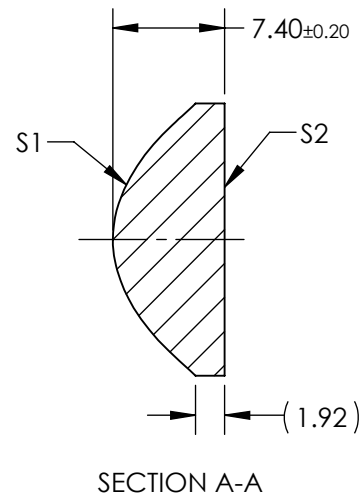
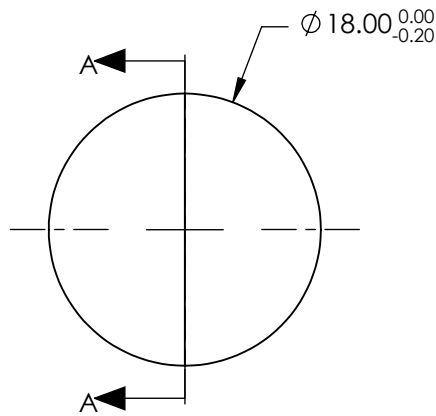
NOTES:

1. SUBSTRATE: LIBA2000
2. COATING:
S1 & S2: MgF2 (400-700nm)
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

$$Z(Y) = \frac{\left(\frac{1}{\text{RADIUS}}\right) * Y^2}{1 + \sqrt{1 - (1+k) * \left(\frac{1}{\text{RADIUS}}\right)^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14} + M * Y^{16}$$

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



COEFFICIENT TABLE 6.	
	S1
SEMI-DIAMETER	9.000000E+00
COEFFICIENT	
(1/RADIUS)	0.141633E+00
k	-1.131000+00
D	0.000000E+00
E	-0.000210E+00
F	-6.350000E-06
G	-4.600000E-08
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	80-50	80-50
CLEAR APERTURE	Ø14.40	Ø14.40
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 13.50 mm
BFL: 8.64 mm
THIRD ANGLE PROJECTION
ALL DIMS IN mm

Edmund Optics®

TITLE	18mm Dia. x 13.5mm FL, MgF2 Molded Aspheric Condenser Lens
DWG NO	35049
SHEET	1 OF 1