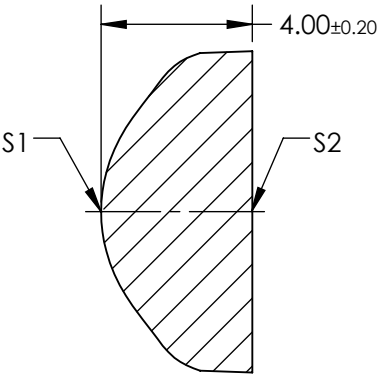
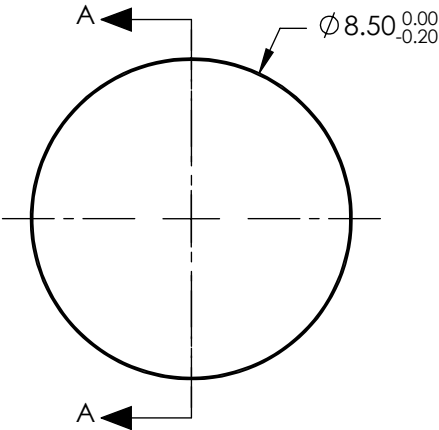


NOTES:

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:
S1 & S2: ¼ WAVE MgF2 @ 550nm
- 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

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


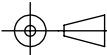


SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	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		<div> Edmund Optics®</div>		
BFL: 4.77mm				
<div>THIRD ANGLE PROJECTION</div> 		TITLE	8.5mm DIA. X 7.4mm FL, MgF2 MOLDED ASPHERIC CONDENSER LENS	
		ALL DIMS IN	mm	DWG NO