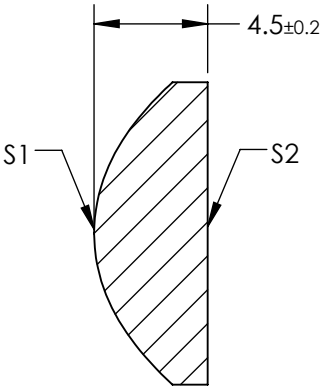
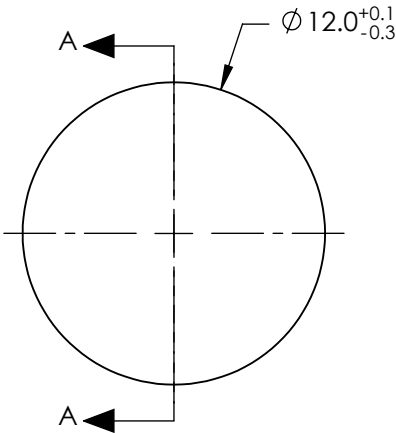


NOTES:

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:
S1 & S2: UNCOATED
- 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

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


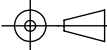


SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	6.000000E+00
(1/RADIUS)	0.153681E+00
k	-0.520000E+00
D	0.000000E+00
E	0.000278E+00
F	-9.700000E-06
G	4.250000E-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	As Molded	As Molded
CLEAR APERTURE	Ø9.60	Ø9.60
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 12.5mm		<div> Edmund Optics®</div>			
BFL: 9.04mm					
THIRD ANGLE PROJECTION			TITLE	12mm DIA. X 12mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS	
ALL DIMS IN	mm		DWG NO	88287	SHEET 1 OF 1