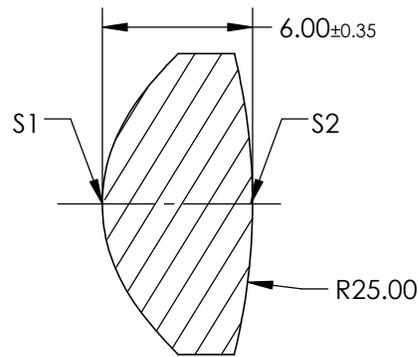
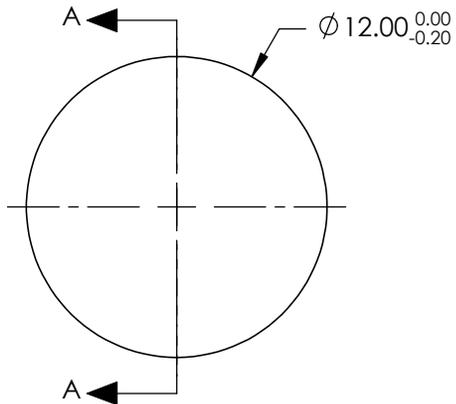


NOTES:

1. SUBSTRATE: LIBA2000+
2. COATING:
S1 & S2: NONE
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

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

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



SECTION A-A

COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	6.000000E+00
(1/RADIUS)	0.153680E+00
k	-0.520000E+00
D	0.000000E+00
E	0.000278E+00
F	-9.742800E-06
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	CONVEX
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø9.60	Ø9.60
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 10.5mm				Edmund Optics®	
BFL: 6.06mm					
		TITLE	12mm DIA. X 10.5mm FL, MOLDED ASPHERIC CONDENSER LENS		
ALL DIMS IN	mm	DWG NO	88285	SHEET 1 OF 1	