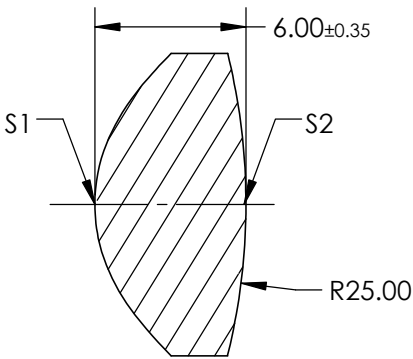
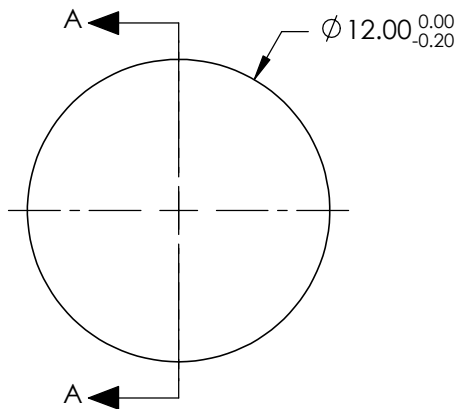


NOTES:

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

- 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

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

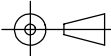


SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	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		<div> Edmund Optics®</div>		
BFL: 6.06mm				
THIRD ANGLE PROJECTION 		TITLE	12mm DIA. X 10.5mm FL, MOLDED ASPHERIC CONDENSER LENS	
ALL DIMS IN	mm	DWG NO	88285	SHEET 1 OF 1