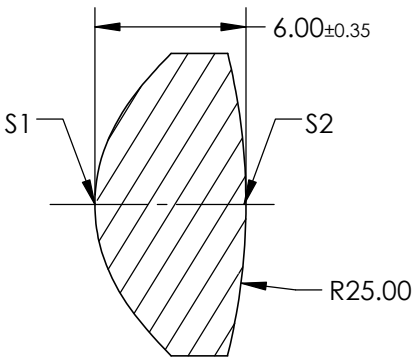
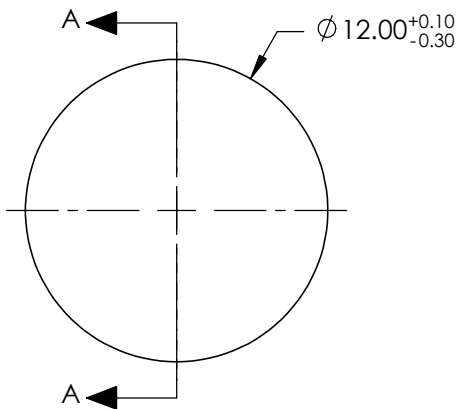


NOTES:

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

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

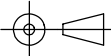


SECTION A-A

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		 Edmund Optics®			
BFL: 6.06mm					
THIRD ANGLE PROJECTION			TITLE	12mm DIA. X 10.5mm FL, MgF2 MOLDED ASPHERIC CONDENSER LENS	
ALL DIMS IN	mm		DWG NO	35040	SHEET 1 OF 1