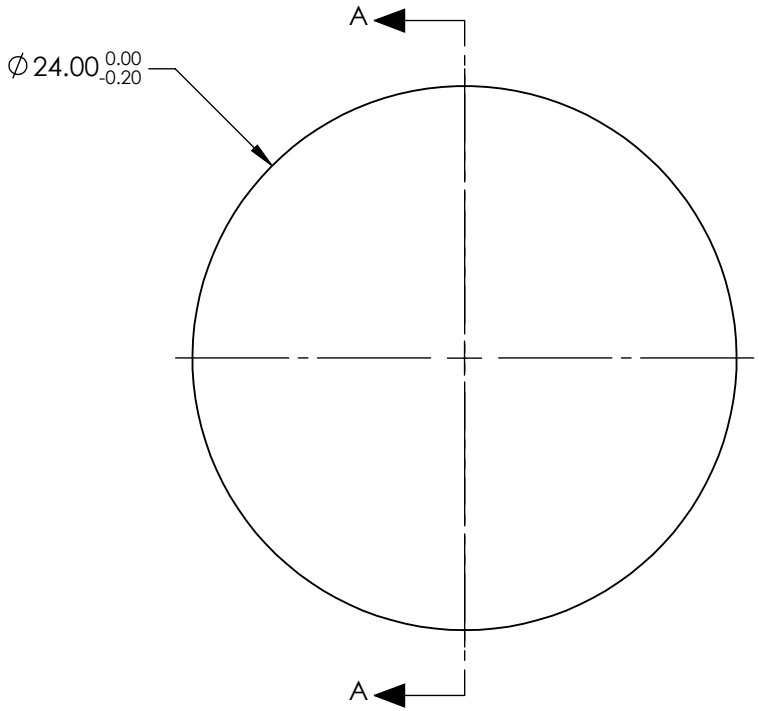
NOTES:

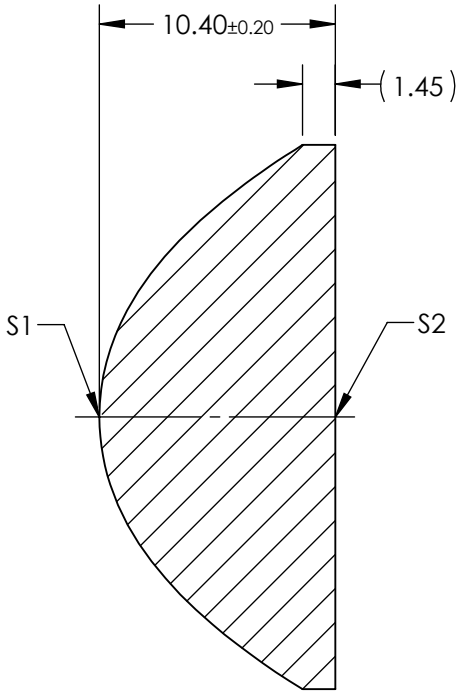
1. SUBSTRATE: Liba2000+
2. COATING:

   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

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	1.200000E+01
(1/RADIUS)	1.062247E-01
k	-6.620000E-01
D	0.000000E+00
E	5.388110E-05
F	-4.404890E-07
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	PLANO
SURFACE QUALITY	As Molded	As Molded
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 18.00mm		Edmund Optics®	
BFL: 11.20mm			
THIRD ANGLE PROJECTION		TITLE	24mm DIA. x 18mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS
ALL DIMS IN	mm	DWG NO	15176 SHEET 1 OF 1