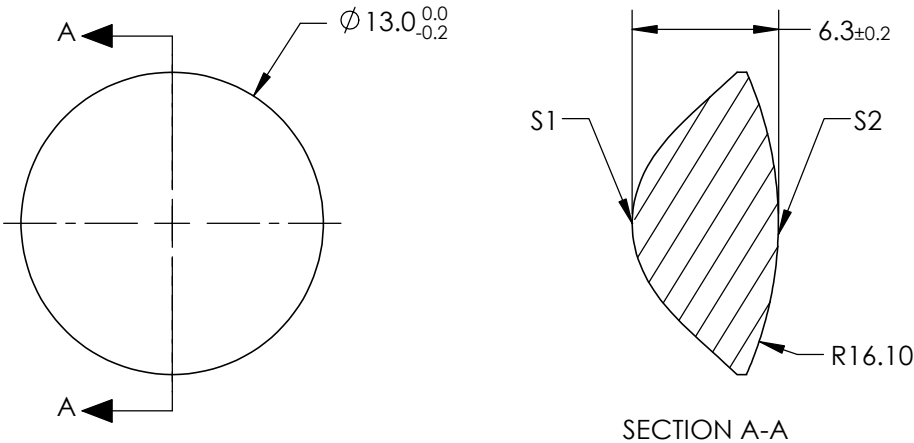


NOTES:

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:
 - S1: ¼ WAVE MgF2 @550nm
 - S2: R(AVG) ≤0.5% @ 600 - 1050nm
- 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

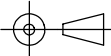
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



COEFFICIENT TABLE	
COEFFIECIENT	S1
SEMI-DIAMETER	6.500000E+00
(1/RADIUS)	0.218292E+00
k	-4.054640E+00
D	0.000000E+00
E	0.003615E+00
F	-9.000000E-05
G	7.280000-07
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	80-50(TYPICAL)	80-50(TYPICAL)
CLEAR APERTURE	Ø10.40	Ø10.40
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 7.4mm		 Edmund Optics®			
BFL: 4.02mm					
THIRD ANGLE PROJECTION					
		TITLE	13mm DIA. x 7.4mm FL, NIR I COATED, MOLDED ASPHERIC CONDENSOR LENS		
ALL DIMS IN	mm	DWG NO	15886		SHEET 1 OF 1