

NOTES:

- SUBSTRATE:
LIBA 2000+
- CENTERING TOLERANCE (AT 587.6nm): BEAM DEVIATION (HALF ANGLE): <25 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)
S1 & S2: 1/4 WAVE MgF2 @ 550nm
R(AVG) < 1.75% FROM 400-700nm (N-BK7)

4. EDGE: AS MOLDED

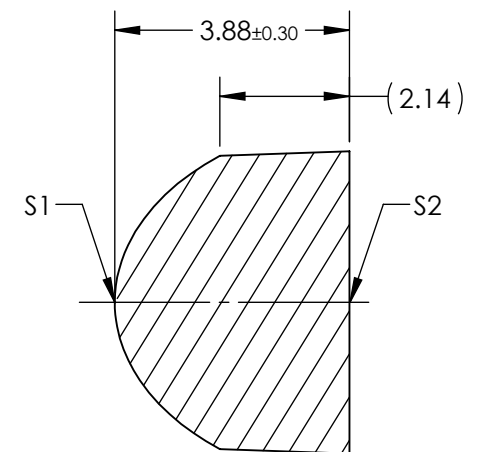
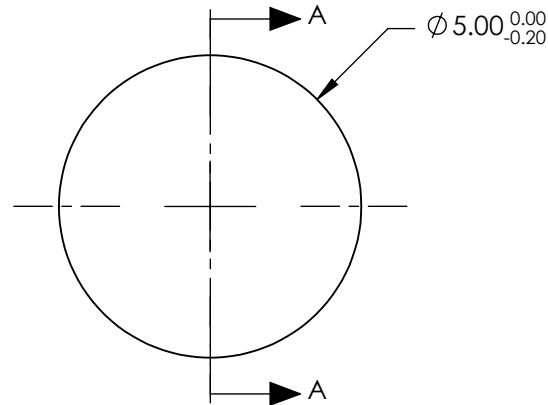
5. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

$$Z(Y) = \frac{\left(\frac{1}{\text{RADIUS}}\right) * Y^2}{1 + \sqrt{1 - (1+k) * \left(\frac{1}{\text{RADIUS}}\right)^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14} + M * Y^{16}$$

6. RoHS: COMPLIANT

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

COEFFICIENT TABLE 5.	
	S1
Semi-diameter	2.5
Coefficient	
(1/RADIUS)	0.479386
k	-0.572
D	0.000000E+00
E	-9.700544E-04
F	5.364635E-04
G	-3.940557E-05
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00
M	0.000000E+00



SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL: 4.00	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL: 1.45			
RADIUS	2.086	∞		TITLE	LENS CONDENSER 5mm X 4mm MgF2 TS	
SURFACE QUALITY	As Molded	As Molded				
CLEAR APERTURE	Ø4.35	Ø4.35				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	15189	SHEET 1 OF 1