

NOTES:

- SUBSTRATE:  
LIBA 2000+
- CENTERING TOLERANCE (AT 587.6nm): BEAM DEVIATION (HALF ANGLE): <25 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: ¼ WAVE MgF2 @ 550nm  
R(AVG) < 1.75% FROM 400-700nm (N-BK7)

4. EDGE: AS MOLDED

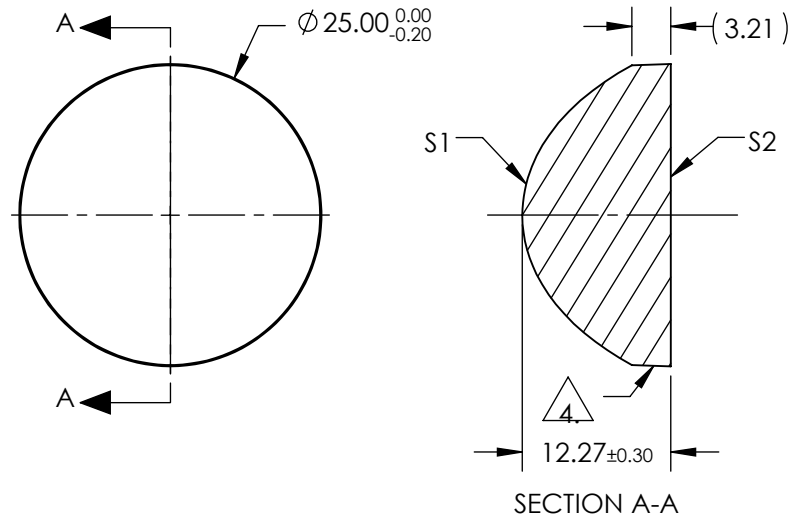
5. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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




6. RoHS: COMPLIANT

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

COEFFICIENT TABLE 5.	
	S1
Semi-diameter	12.5
Coefficient (1/RADIUS)	9.589060E-02
k	-1.019961E+00
D	0.000000E+00
E	5.472714E-05
F	8.989844E-08
G	2.592859E-10
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00
M	0.000000E+00



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL: 20.00		 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL: 11.93				
RADIUS	10.429	∞			TITLE	LENS CONDENSER 25mm X 20mm MgF2 TS	
SURFACE QUALITY	As Molded	As Molded					
CLEAR APERTURE	Ø22.28	Ø22.28			DWG NO	15194	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
			ALL DIMS IN	mm			SHEET 1 OF 1