

1. SUBSTRATE:  
LIBA 2000+

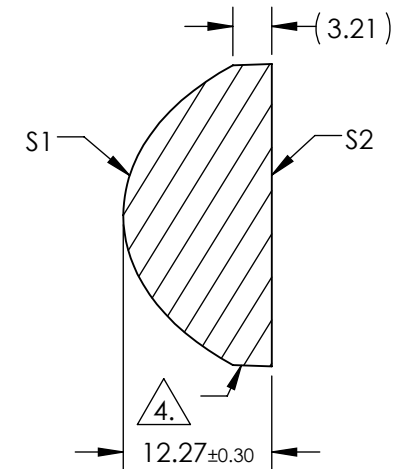
3. COATING (APPLY ACROSS COATING APERTURE)  
S1: R(AVG)  $\leq 0.5\%$  FROM 600-1050nm @ 0° AOI  
S2: R(AVG)  $\leq 0.5\%$  FROM 600-1050nm @ 0° AOI

4. EDGE: AS MOLDED


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



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

Technical drawing of a circular feature. The dimension is  $\varnothing 25.00^{0.00}_{-0.20}$ . Two datum A arrows point to the top and bottom vertical centerlines of the circle.



SECTION A-A

COEFFICIENT TABLE 	
	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

		S1	S2	EFL: 20.00		 <b>Edmund Optics®</b>	
SHAPE		CONVEX	PLANO	BFL: 11.93			
RADIUS		10.429	∞	THIRD ANGLE PROJECTION 		TITLE LENS CONDENSER 25mm X 20mm NIR I TS	
SURFACE QUALITY		As Molded	As Molded				
CLEAR APERTURE		Ø22.28	Ø22.28	ALL DIMS IN mm		DWG NO 15732	
BEVEL		PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
						SHEET 1 OF 1	

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