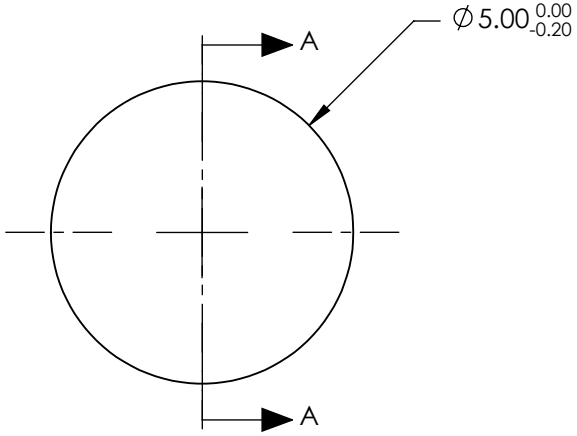
NOTES:

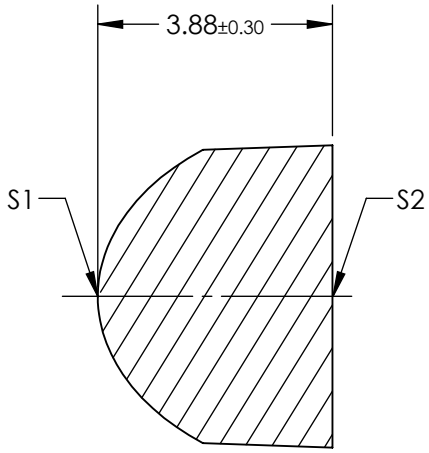
1. SUBSTRATE:
   LIBA 2000+
2. CENTERING TOLERANCE (AT 587.6nm): BEAM DEVIATION (HALF ANGLE): <25 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: R(AVG) ≤ 0.5% FROM 600-1050nm @ 0° AOI
   S2: R(AVG) ≤ 0.5% FROM 600-1050nm @ 0° AOI
4. EDGE: AS MOLDED
5. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW

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

6. RoHS: COMPLIANT

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	2.086	∞
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø4.35	Ø4.35
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 4.00	Edmund Optics®		
BFL: 1.45			
THIRD ANGLE PROJECTION	TITLE	LENS CONDENSER 5mm X 4mm NIR I TS	
ALL DIMS IN mm	DWG NO	15727	SHEET 1 OF 1