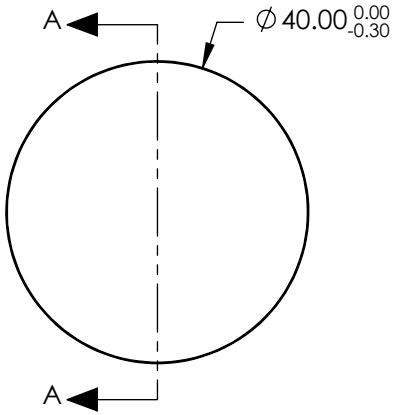
NOTES:

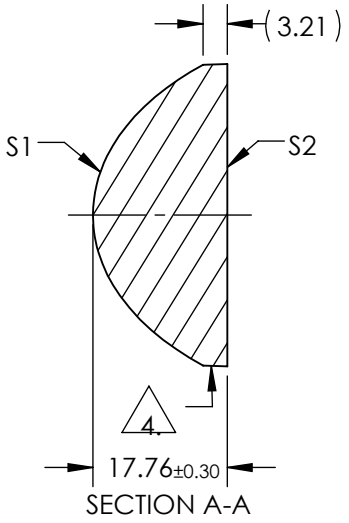
1. SUBSTRATE:
   LIBA 2000+
2. CENTERING TOLERANCE (AT 587.6nm): BEAM DEVIATION (HALF ANGLE): <25 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)
   S1: R(AVG) ≤ 0.5% FROM 600-1050nm @ 0° AOI
   S2: R(AVG) ≤ 0.5% FROM 600-1050nm @ 0° AOI
4. EDGE: AS MOLDED
5. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING 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	20.0
Coefficient	
(1/RADIUS)	5.993016E-02
k	-1.076881E+00
D	0.000000E+00
E	1.471189E-05
F	8.211896E-09
G	8.158565E-12
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	16.686	∞
SURFACE QUALITY	As Molded	As Molded
CLEAR APERTURE	Ø35.78	Ø35.78
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 32.00		Edmund Optics®	
BFL: 20.33			
THIRD ANGLE PROJECTION		TITLE	LENS CONDENSER 40mm X 32mm NIR I TS
ALL DIMS IN	mm	DWG NO	15734
			SHEET 1 OF 1