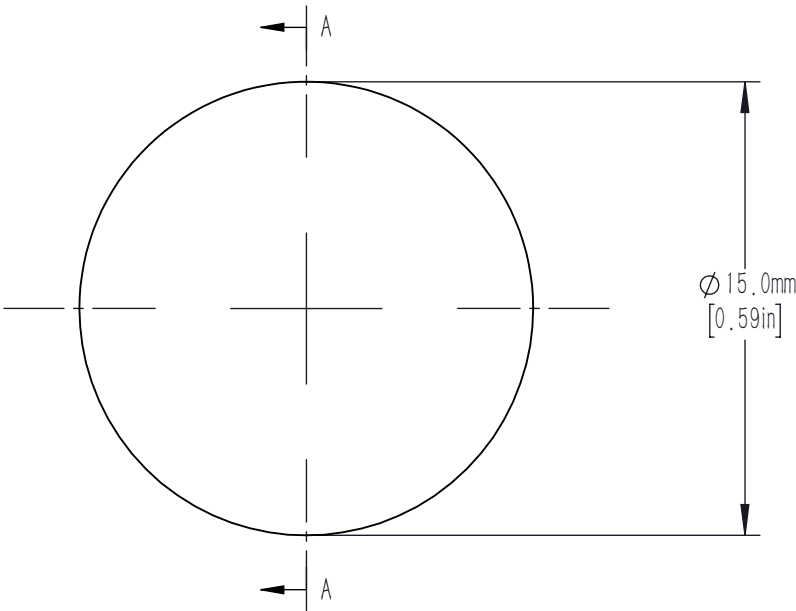
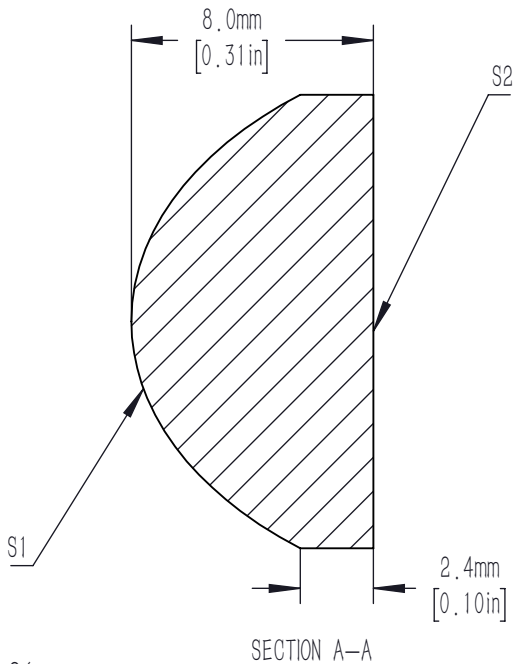


ASPHERIC COEFFICIENTS

	R	k	A4
S1	6.277	-0.6139	6.8E-05
S2	PLANO	-	-

ASPHERIC LENS EQUATION

$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2/R^2})} + A_4Y^4$$



Notes/Specifications

- 1. Focal length: efl= 12.0±8%
- 2. Numerical aperture: 0.61
- 3. Back focal length (ref): 7mm
- 4. Magnification: infinite
- 5. Surface quality: 80-50 scratch-dig
- 6. Centration: <30 arcmin
- 7. Clear aperture: >13.5mm
- 8. Maximum temperature: 250° c (482° f)
- 9. COATING(S1,S2).BBAR Rag<0.5% FROM 350-700nm
0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	D15mm, F=12mm, NA=0.61, Aspheric Condenser Lens, A Coated			
DRAWN	CWD	2022/5/18	ACL015-12-A			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			B270	0.002453g	4:1	A