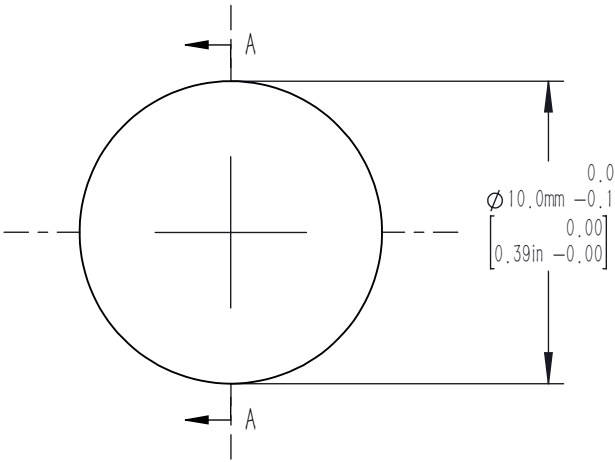
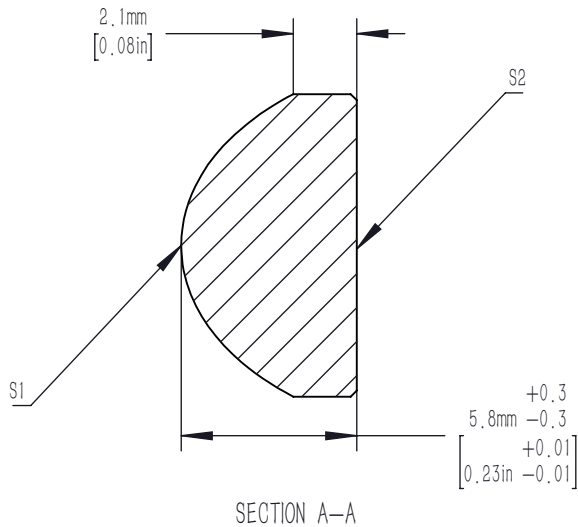


ASPHERIC COEFFICIENTS

	R	k	A ₄
S1	4.185	-0.6027	2.21E-04
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= 8.0±8%
- 2. Numerical aperture: 0.61
- 3. Back focal length (ref): 4mm
- 4. Magnification: infinite
- 5. Surface quality: 80—50 scratch—dig
- 6. Centration: <30 arcmin
- 7. Clear aperture: >9.0mm
- 8. Maximum temperature: 250° c (482° f)
- 9. COATING(S1,S2).BBAR Rag<0.5% FROM 650—1100nm
0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	D10mm, F=8mm, NA=0.61, Aspheric Condenser Lens, B Coated			
DRAWN	CWD	2022/5/18	ACL010-8-B			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			E270	0.00082Kg	4:1	A