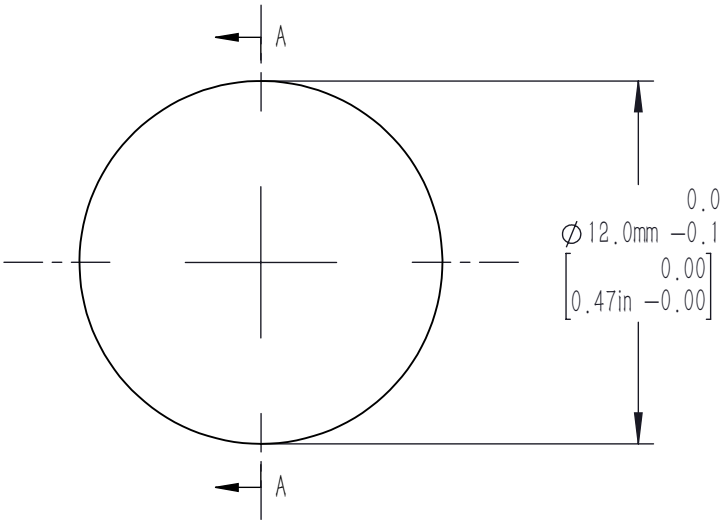
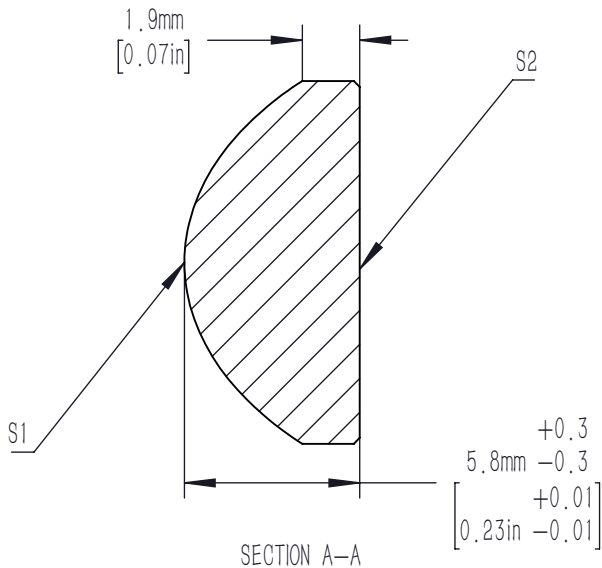


ASPHERIC COEFFICIENTS

	R	k	A ₄
S1	5.492	-0.6230	8.7E-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= 10.5±8%
2. Numerical aperture: 0.54
3. Back focal length (ref): 7mm
4. Magnification: infinite
5. Surface quality: 80-50 scratch-dig
6. Centration: <30 arcmin
7. Clear aperture: >10.8mm
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	D12mm, F=10mm, NA=0.54, Aspheric Condenser Lens, B Coated			
DRAWN	CWD	2022/5/18	ACL012-10.5-B			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			B270	0.00115Kg	4:1	A