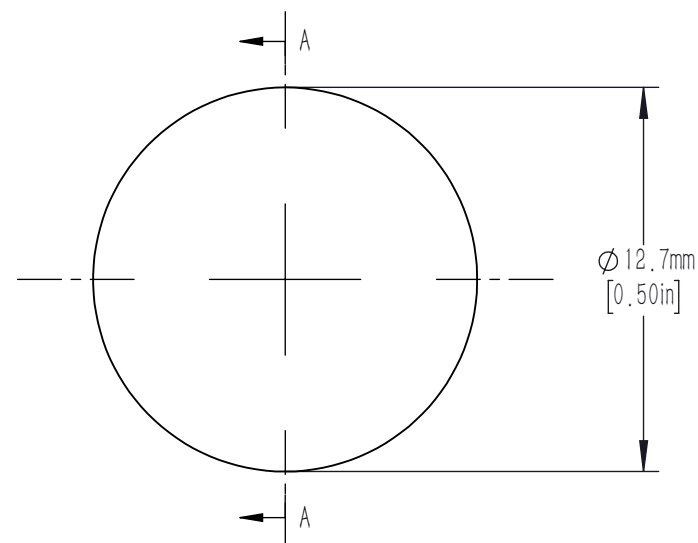
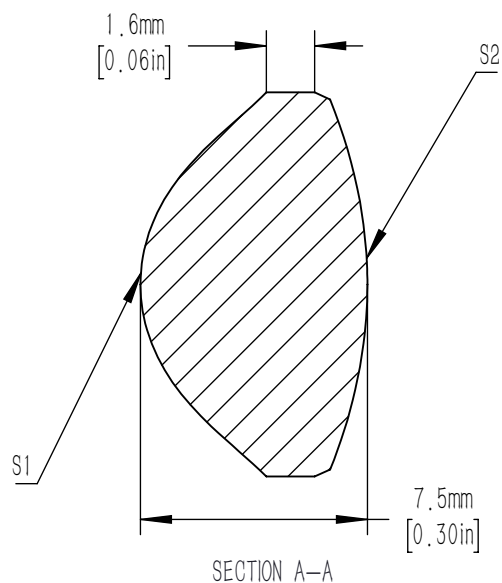


ASPHERIC COEFFICIENTS

	R	k	A ₄	A ₆	A ₈	A ₁₀	A ₁₂
S1	4.753124	-1.205071	5.3324183E-04	1.1162887E-05	-3.7455666E-07	-7.6342017E-09	1.36022E-010
S2	-15.6494	-	-	-	-	-	-

ASPHERIC LENS EQUATION

$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2/R^2})} + A_4Y^4 + A_6Y^6 + A_8Y^8 + A_{10}Y^{10} + A_{12}Y^{12}$$



Notes/Specifications

1. Focal length: efl= 8.0±8%
2. Numerical aperture: 0.78
3. Back focal length (ref): 3.7mm
4. Magnification: infinite
5. Surface quality: 80-50 scratch-dig
6. Centration: <30 arcmin
7. Clear aperture: >11.4mm
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	NA=0.78, D12.7mm, F=8mm, B270 Asph Condenser, B Coated			
DRAWN	CWD	2022/5/18	ACL127-8-B			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			B270	0.00152Kg	4:1	A