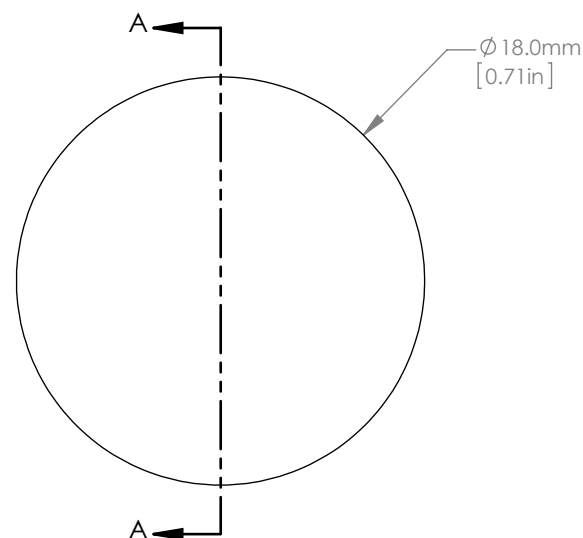
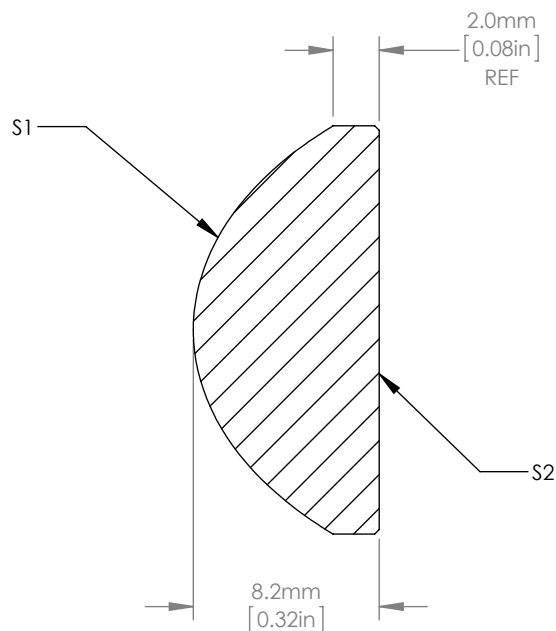


ASPHERIC COEFFICIENTS

	R	k	A ₄
S1	7.818	-1.817	2.93E-04
S2	PLANO	-	-

ASPHERIC LENS EQUATION

$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2 / R^2})} + A_4 Y^4$$



NOTES/SPECIFICATIONS

1. FOCAL LENGTH: EFL= 15.0±8%
2. NUMERICAL APERTURE: 0.57
3. BACK FOCAL LENGTH (REF): 10mm
4. MAGNIFICATION: INFINITE
5. SURFACE QUALITY: 80-50 SCRATCH-DIG
6. CENTRATION: <30arcmin
7. CLEAR APERTURE: >16.2mm
8. COATING (S1, S2): BBAR Ravg<0.5% FROM 650-1050nm
9. MAXIMUM TEMPERATURE: 250°C (482°F)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	D18mm, F=15mm, NA=0.57, Aspheric Condenser Lens, B Coated			
DRAWN	CVD	2022/5/18	ACL018-15-B			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			B270	0.00338kg		A