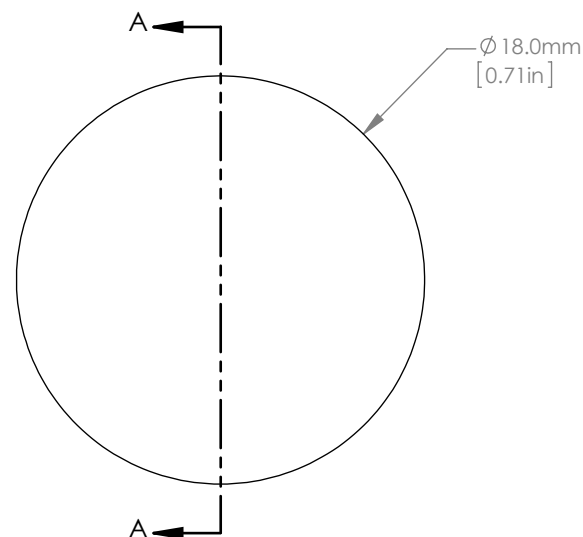
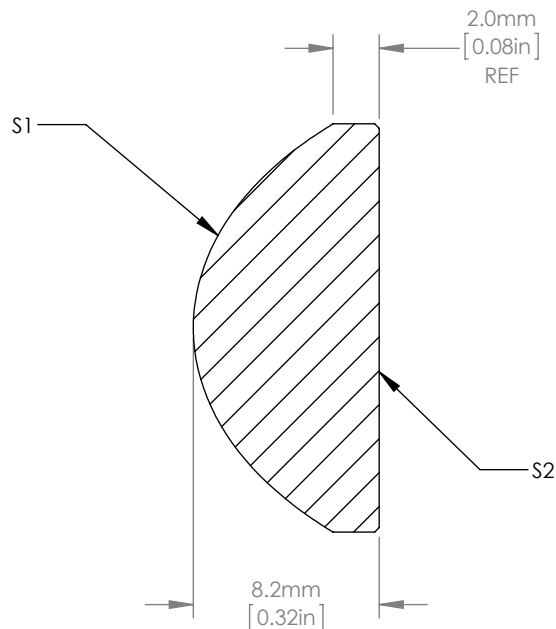


# ASPHERIC COEFFICIENTS

|    | R     | k      | A <sub>4</sub> |
|----|-------|--------|----------------|
| 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. MAXIMUM TEMPERATURE: 250°C (482°F)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                       |      |                                                                                       |                                                    |                                                                                       |       |     |
|-------------------------------------------------------|------|---------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |  |                                                    |  |       |     |
|                                                       | NAME | DATE                                                                                  | D18mm, F=15mm, NA=0.57, Aspheric<br>Condenser Lens |                                                                                       |       |     |
| DRAWN                                                 | CVD  | 2022/5/18                                                                             | ACL018-15-1                                        |                                                                                       |       |     |
| APPROVAL                                              | ZSB  | 2022/5/18                                                                             | MATERIAL                                           | WEIGHT                                                                                | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |                                                                                       | B270                                               | 0.0033Kg                                                                              |       | A   |