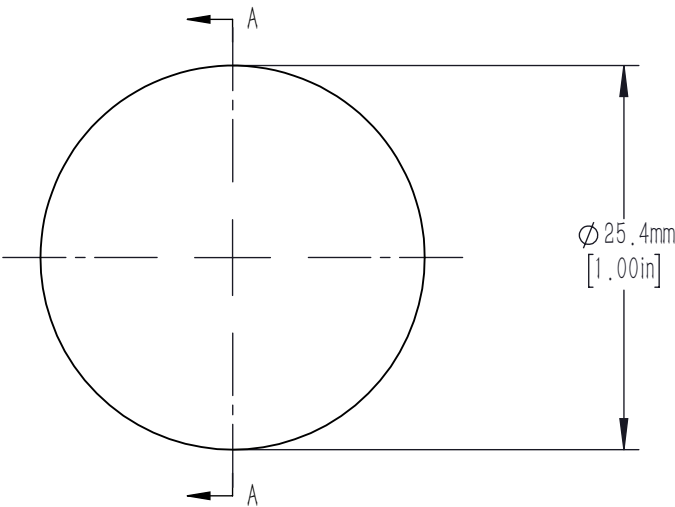
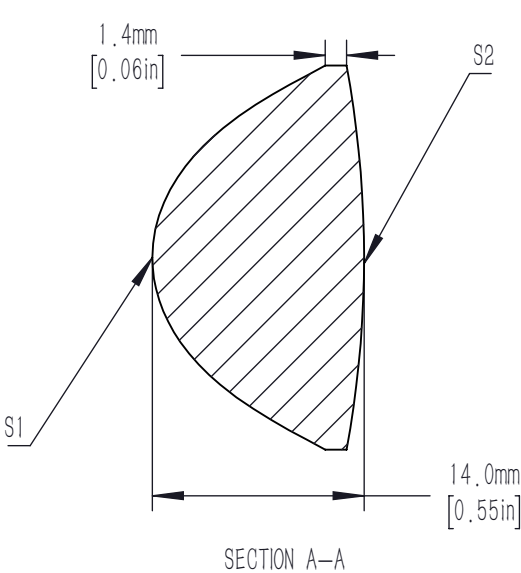


ASPHERIC COEFFICIENTS

|    | R         | k         | A <sub>4</sub> | A <sub>6</sub> | A <sub>8</sub> | A <sub>10</sub> |
|----|-----------|-----------|----------------|----------------|----------------|-----------------|
| S1 | 8.818197  | 0.9991715 | 8.6821674E-05  | 6.3760123E-08  | -2.4073084E-09 | -1.7189021E-011 |
| S2 | -69.99948 | -         | -              | -              | -              | -               |

ASPHERIC LENS EQUATION

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



Notes/Specifications

- 1. Focal length: efl= 16.0±8%
- 2. Numerical aperture: 0.79
- 3. Back focal length (ref): 7.3mm
- 4. Magnification: infinite
- 5. Surface quality: 80–50 scratch–dig
- 6. Centration: <30 arcmin
- 7. Clear aperture: >22.9mm
- 8. Maximum temperature: 250° c (482° f)
- 9. COATING(S1,S2).BBAR Rag<0.5% FROM 350–700nm  
0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                       |      |           |                                                                                       |           |                                                                                       |     |  |
|-------------------------------------------------------|------|-----------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----|--|
| DRAWING<br>PROJECTION                                 |      |           |  |           |  |     |  |
|                                                       | NAME | DATE      | NA=0.79, D25.4mm, F=16mm, E270 Asph<br>Condenser, A Coated                            |           |                                                                                       |     |  |
| DRAWN                                                 | CWD  | 2022/5/18 | ACL254-16-A                                                                           |           |                                                                                       |     |  |
| APPROVAL                                              | ZSE  | 2022/5/18 | MATERIAL                                                                              | WEIGHT    | SCALE                                                                                 | REV |  |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |           | E270                                                                                  | 0.01039Kg | 2:1                                                                                   | A   |  |