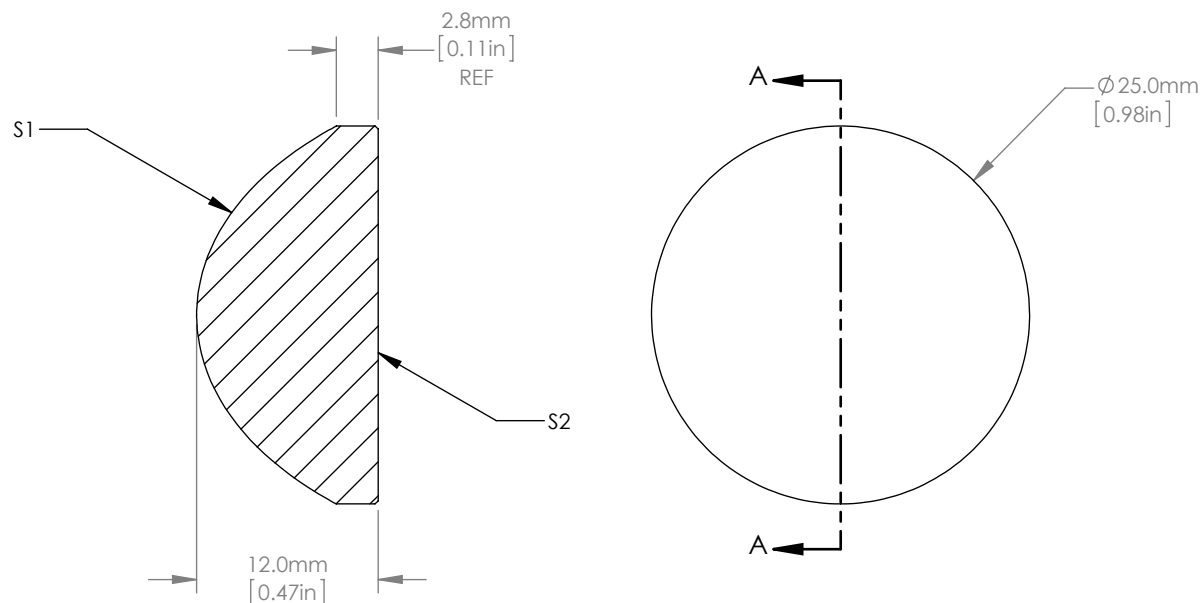


# ASPHERIC COEFFICIENTS

|    | R      | k       | A <sub>4</sub> |
|----|--------|---------|----------------|
| S1 | 10.462 | -0.6265 | 1.5E-05        |
| 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= 20.1±8%
2. NUMERICAL APERTURE: 0.60
3. BACK FOCAL LENGTH (REF): 12mm
4. MAGNIFICATION: INFINITE
5. SURFACE QUALITY (S1): 80-50 SCRATCH-DIG  
SURFACE GRIND (S2): 600 GRIT
6. CENTRATION: <30arcmin
7. CLEAR APERTURE: >22.5mm
8. COATING (S1): BBAR Ravg<0.5% FROM 350-700nm
9. MAXIMUM TEMPERATURE: 250°C (482°F)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                       |      |                                                                                       |                                                                                       |          |       |     |
|-------------------------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |  |  |          |       |     |
|                                                       | NAME | DATE                                                                                  | Aspheric Condenser, NA=0.61, D25 mm,<br>F=20 mm, -A, 600 Grit                         |          |       |     |
| DRAWN                                                 | CWD  | 2022/5/18                                                                             | ACL025-20-DG0-A                                                                       |          |       |     |
| APPROVAL                                              | ZSE  | 2022/5/18                                                                             | MATERIAL                                                                              | WEIGHT   | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |                                                                                       | E270                                                                                  | 0.0093Kg |       | A   |