

NOTES:

1. ALLOWABLE OPTICAL MATERIAL:

SCHOTT: N-SF5 673/323

2. CENTERING TOLERANCE (AT 587.6nm):  
IMAGE RUNOUT: 0.1mm

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE

S2: NONE

4. FINE GRIND SURFACE

5. ASPHERIC SURFACE:

$$Z(Y) = \frac{C*Y^2}{1+\sqrt{1-(1+k)*C^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$

C = -0.059460102

k = -0.9052653

D = 0

E = -8.189374E-06

F = -2.7530379E-09

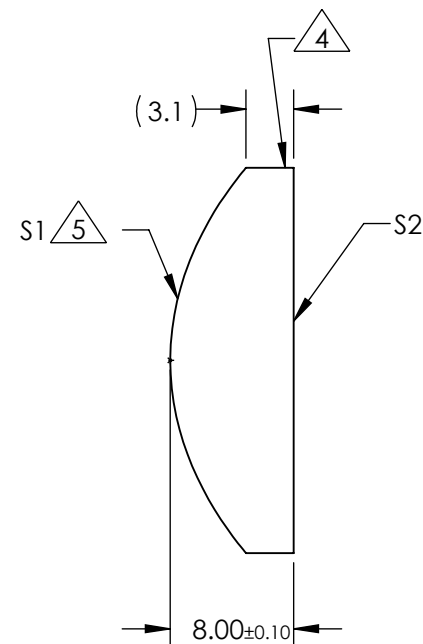
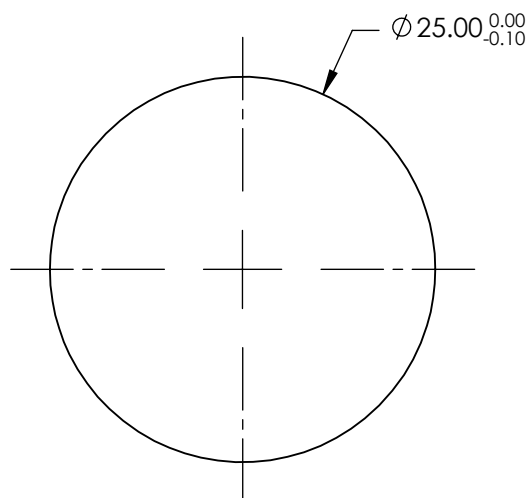
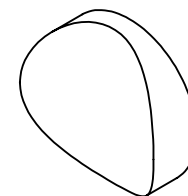
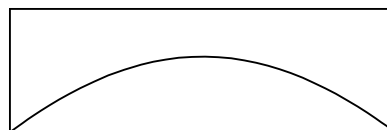
G = 7.366623E-12

H = 0

J = 0

L = 0

SURFACE ACCURACY:  $\leq 1 \mu\text{m RMS}$



**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

|                 |                                                                                                  |            |                     |      |                                                                                                      |                                             |                 |
|-----------------|--------------------------------------------------------------------------------------------------|------------|---------------------|------|------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------|
|                 | S1                                                                                               | S2         | EFL<br>(AT 587.6nm) | 25.0 |  Edmund Optics® |                                             |                 |
| SHAPE           | CONVEX                                                                                           | PLANO      |                     |      |                                                                                                      |                                             |                 |
| RADIUS          | 16.818±0.100  | INFINITY   |                     |      |                                                                                                      |                                             |                 |
| SURFACE QUALITY | 60 - 40                                                                                          | 60 - 40    | BFL<br>(AT 587.6nm) | 20.2 | TITLE                                                                                                | 25mm Dia x 25mm FL Acylinder Lens, Uncoated |                 |
| CLEAR APERTURE  | Ø 22.50                                                                                          | Ø 22.50    |                     |      |                                                                                                      |                                             |                 |
| BEVEL MAX FACE  | 0.25 x 45°                                                                                       | 0.25 x 45° | ALL DIMS IN         | mm   | DWG NO                                                                                               | 86033                                       | SHEET<br>1 OF 1 |