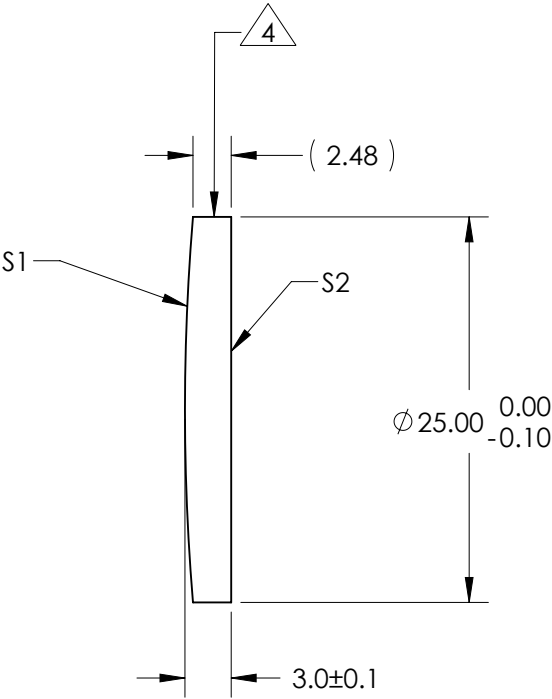


NOTES:


- 1. ALLOWABLE OPTICAL MATERIAL:  
OPTICAL GRADE GERMANIUM  
UNCOATED TRANSMISSION >45% AT 4 MICRONS  
FOR 5mm THICK SAMPLE
- 2. CENTERING TOLERANCE:  
BEAM DEVIATION: <3 ARCMIN
- 3. COATING (APPLY ACROSS COATING APERTURE)  
S1: NONE  
S2: NONE

4. FINE GROUND SURFACE

- 5. FOCAL LENGTH TOLERANCE: ± 1%



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

|                 |             |             |                             |       |  |  |
|-----------------|-------------|-------------|-----------------------------|-------|--|--|
|                 | S1          | S2          | EFL<br>(AT 10.6<br>microns) | 50.00 |  Edmund Optics® |  |
| SHAPE           | CONVEX      | PLANO       |                             |       |  |  |
| RADIUS          | 150.19      | INFINITY    | BFL<br>(AT 10.6<br>microns) | 49.25 | TITLE  | Ge Plano-Convex Lens, 25mm Dia. x 50mm FL,<br>Uncoated |
| SURFACE QUALITY | 60-40       | 60-40       |                             |       |  |  |
| CLEAR APERTURE  | Ø 24        | Ø 24        |                             |       |  |  |
| BEVEL MAX FACE  | 0.3mm x 45° | 0.3mm x 45° | ALL DIMS IN                 | mm    | DWG NO   | 69641  |
|                 |             |             |                             |       |  | SHEET<br>1 OF 1  |