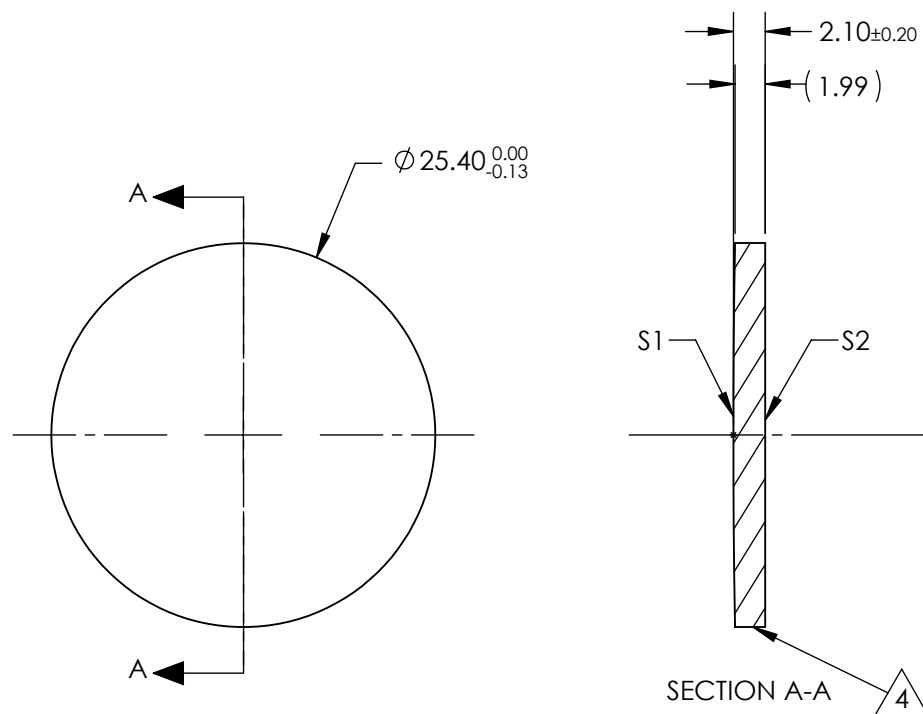


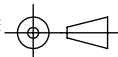
NOTES:

1. SUBSTRATE:  
Germanium (Ge)
2. CENTERING TOLERANCE:  
<3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1 & S2: NONE
4. FINE GRIND SURFACE
5. FOCAL LENGTH TOLERANCE:  $\pm 2\%$
6. ROHS COMPLIANT



**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>10.6 $\mu$ m                                                                                        | 254.0  |  <b>Edmund Optics®</b> |                                                                         |                 |
| SHAPE                        | CONVEX              | PLANO               | BFL @<br>10.6 $\mu$ m                                                                                        | 248.55 |                                                                                                             |                                                                         |                 |
| RADIUS                       | 748.2               | INFINITY            | THIRD ANGLE PROJECTION  |        | TITLE                                                                                                       | 25.4mm Dia. x 254mm FL, Uncoated, ISP<br>Optics Germanium (Ge) PCX Lens |                 |
| IRREGULARITY AT 10.6 $\mu$ m | $\lambda/20$        | $\lambda/20$        |                                                                                                              |        |                                                                                                             |                                                                         |                 |
| SURFACE QUALITY              | 60-40               | 60-40               | ALL DIMS IN                                                                                                  |        | DWG NO                                                                                                      | 24851                                                                   |                 |
| CLEAR APERTURE               | $\varnothing 22.86$ | $\varnothing 22.86$ |                                                                                                              |        |                                                                                                             |                                                                         |                 |
| BEVEL                        | PROTECTED AS NEEDED | PROTECTED AS NEEDED | mm                                                                                                           |        |                                                                                                             |                                                                         | SHEET<br>1 OF 1 |