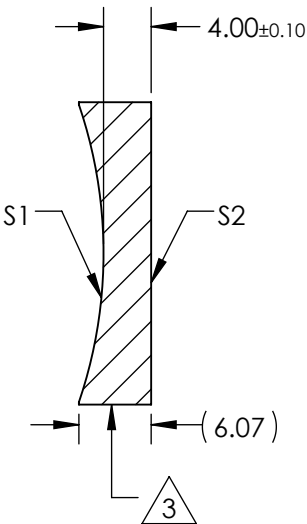
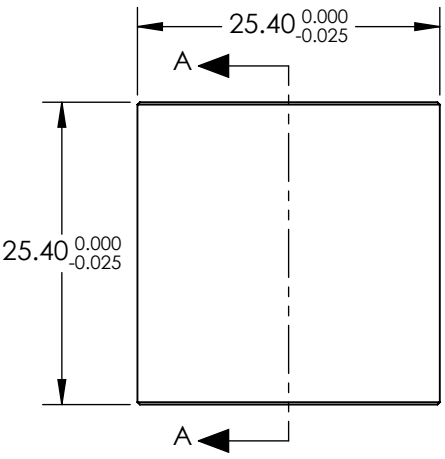


NOTES:

1. SUBSTRATE MATERIAL:  
N-BK7
2. COATING (APPLY ACROSS CLEAR APERTURE)  
S1 & S2:  
NIR I  
 $R(AVG) \leq 0.5\%$  FROM 600-1050nm @ 0° AOI

3. FINE GROUND SURFACE

4. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
5. FOCAL LENGTH TOLERANCE:  $\pm 1\%$
6. PLANO AXIS WEDGE TOLERANCE:  $< 5$  ARCMIN  
POWER AXIS WEDGE TOLERANCE:  $< 5$  ARCMIN  
AXIAL TWIST ANGLE:  $< 3$  ARCMIN
7. RoHS COMPLIANT

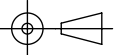


SECTION A-A

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

| REV. A                  | S1                   | S2                   |
|-------------------------|----------------------|----------------------|
| SHAPE                   | CONCAVE              | PLANO                |
| RADIUS                  | 38.76                | $\infty$             |
| SURFACE QUALITY         | 40 - 20              | 40 - 20              |
| CLEAR APERTURE          | 22.86 x 22.86        | 22.86 x 22.86        |
| COATING APERTURE        | 22.86 x 22.86        | 22.86 x 22.86        |
| POWER AT 632.8nm        | 1.5 WAVES PV         | 1.5 WAVES PV         |
| IRREGULARITY AT 632.8nm | 0.25 WAVE PV         | 0.25 WAVE PV         |
| BEVEL                   | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

|                                                                                       |            |                                                                                                             |       |                 |
|---------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------|-------|-----------------|
| EFL                                                                                   | (-75)mm    |  <b>Edmund Optics®</b> |       |                 |
| BFL                                                                                   | (-77.64)mm |                                                                                                             |       |                 |
|  | TITLE      | LENS CYL SHAPING 25.4 x 25.4 x -75 FL NIR I                                                                 |       |                 |
|                                                                                       |            | DWG NO                                                                                                      | 35007 | SHEET<br>1 OF 1 |
| ALL DIMS IN                                                                           | mm         |                                                                                                             |       |                 |