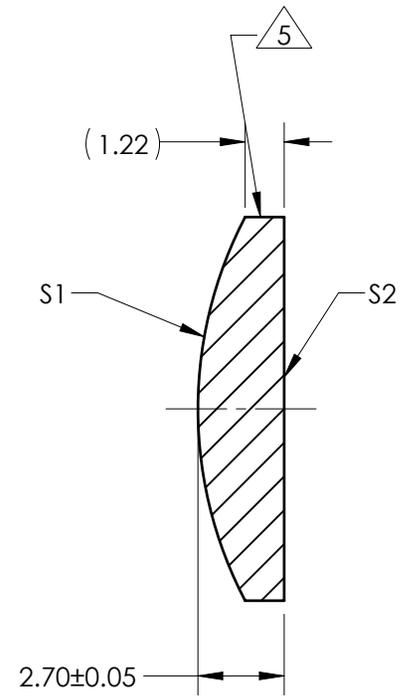
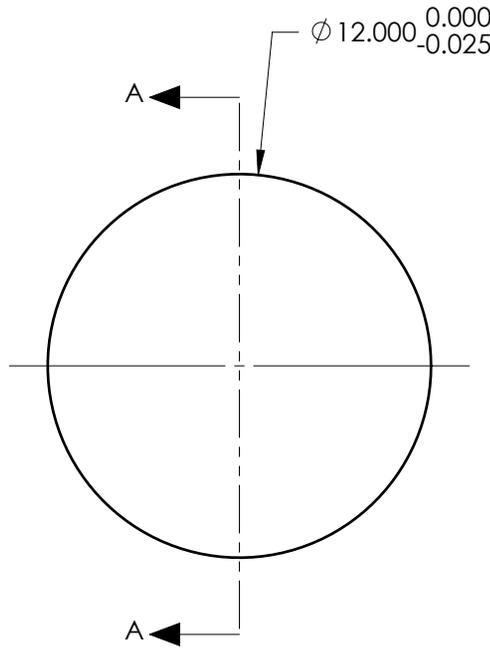


NOTES:

1. SUBSTRATE:  
N-BK7 517/642
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)  
  
S1 & S2: NIR II  
R(ABS) ≤ 1.5% FROM 750-800nm @ 0° AOI  
R(ABS) ≤ 1.0% FROM 800-1550nm @ 0° AOI  
R(AVG) ≤ 0.7% FROM 750-1550nm @ 0° AOI

△ FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 25.00mm±1%  
BACK FOCAL LENGTH (BFL): 23.22mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



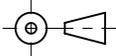
SECTION A-A

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

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 12.92      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | ∅ 11.00    | ∅ 11.00    |
| MIN COATING APERTURE    | ∅ 11.00    | ∅ 11.00    |
| POWER AT 632.8nm        | 3.00 RINGS | 3.00 RINGS |
| IRREGULARITY AT 632.8nm | 0.50 RINGS | 0.50 RINGS |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**EO**® Edmund Optics®

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

|        |   |              |
|--------|---|--------------|
| TITLE  | 12.0mm Dia. x 25.0mm FL, NIR II Coated, Plano-Convex Lens |              |
| DWG NO | 38394   | SHEET 1 OF 1 |