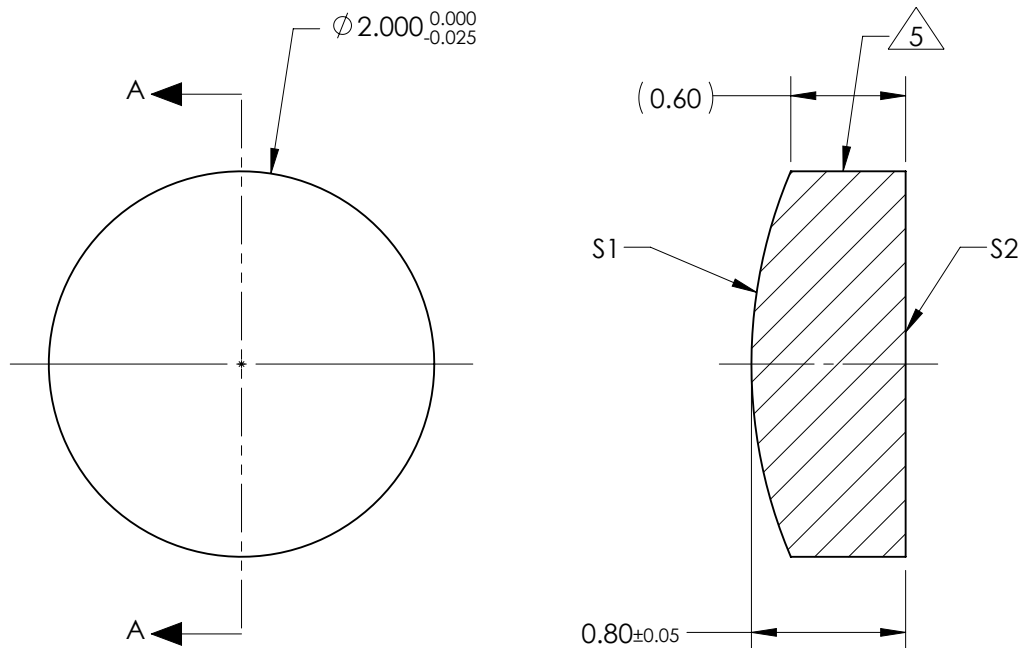


NOTES:

1. SUBSTRATE:
GRADE A FINE ANNEALED
SCHOTT: N-LaSF9 850/322
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <45 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
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 3.00mm ±1%
BACK FOCAL LENGTH (BFL): 2.57mm
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 | 2.55 | INFINITY |
| SURFACE QUALITY | 20 - 10 | 20 - 10 |
| MIN CLEAR APERTURE | Ø 1.50 | Ø 1.50 |
| MIN COATING APERTURE | Ø 1.50 | Ø 1.50 |
| 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 | | TITLE | 2mm Dia x 3mm FL, NIR II Coated, Plano-Convex Lens | |
| ALL DIMS IN | mm | DWG NO | 67432 | SHEET 1 OF 1 |