

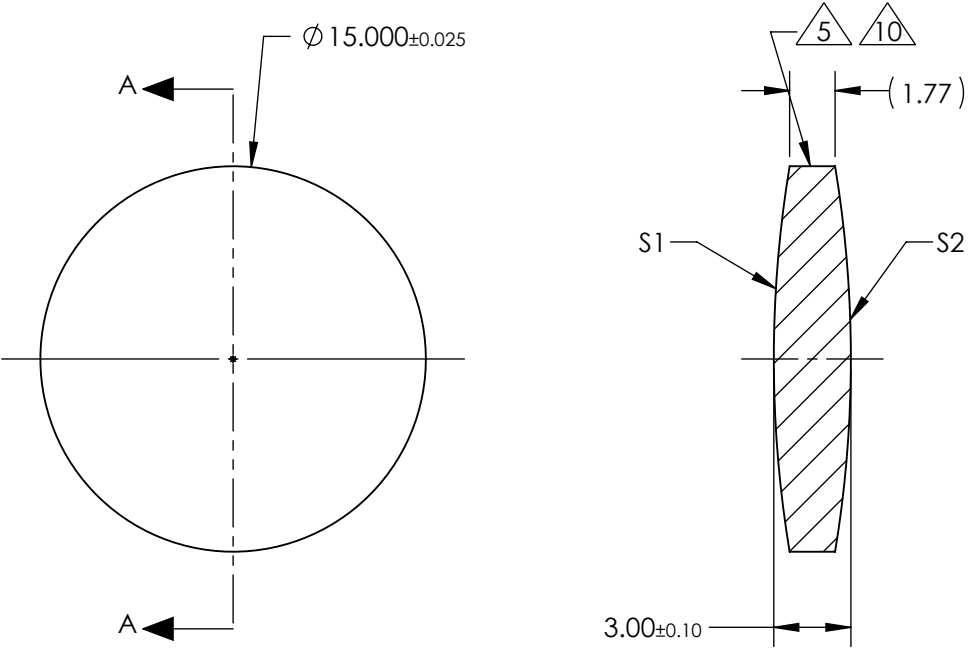


NOTES:

- SUBSTRATE:
GRADE A FINE ANNEALED
SCHOTT: N-BK7 517/642
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)
S1 & S2: VIS-EXT
R(AVG) ≤ 0.5% FROM 350-700nm @ 0° AOI
-  FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 45.00mm±1%
BACK FOCAL LENGTH (BFL): 44.00mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm
-  BLACKENED SURFACE



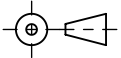
SECTION A-A

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

| | S1 | S2 |
|-------------------------|------------|------------|
| SHAPE | CONVEX | CONVEX |
| RADIUS | 45.99 | 45.99 |
| SURFACE QUALITY | 40 - 20 | 40 - 20 |
| MIN CLEAR APERTURE | Ø 14.00 | Ø 14.00 |
| MIN COATING APERTURE | Ø 14.00 | Ø 14.00 |
| 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

| | | | |
|---|--|---|-----------------|
|  Edmund Optics® | | | |
| TITLE | | 15mm Dia. x 45mm FL, VIS-EXT Coated, Inked, Double-Convex Lens | |
| DWG NO | | 89162INK | SHEET 1 OF 1 |

| | | |
|---------------------------|----|---|
| THIRD ANGLE PROJECTION | |  |
| ALL DIMS IN | mm | |