

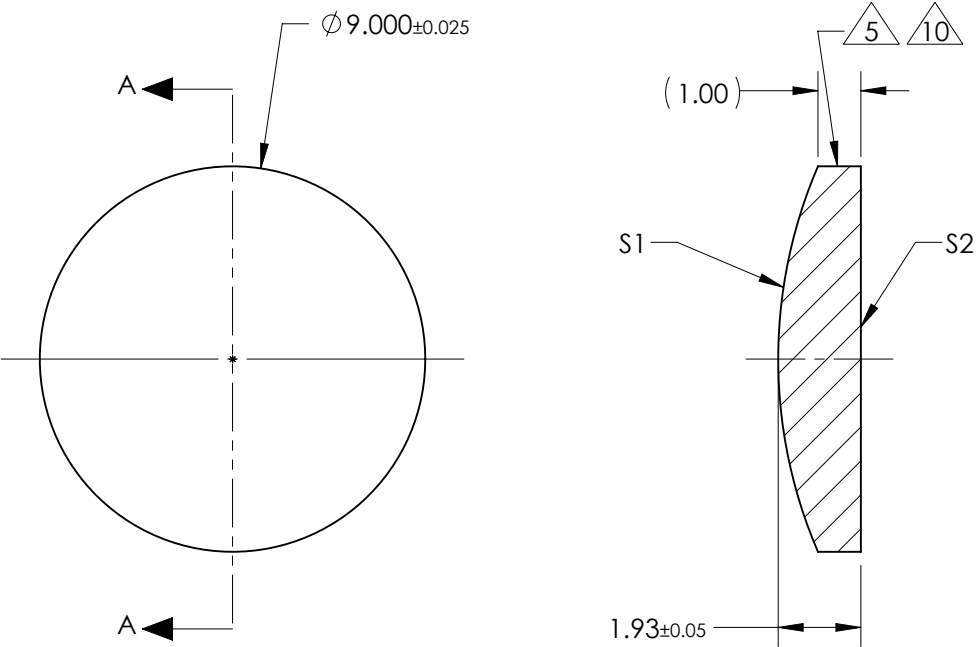


NOTES:

- 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): 22.00mm±1%  
BACK FOCAL LENGTH (BFL): 20.73mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm
-  BLACKENED SURFACE



SECTION A-A

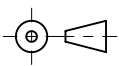
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 11.37      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø8.10      | Ø8.10      |
| MIN COATING APERTURE    | Ø8.00      | Ø8.00      |
| 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  | 9.0mm Dia. x 22.0mm FL, VIS-EXT, Inked,<br>Plano-Convex Lens |                 |  |
| DWG NO | 886551NK   | SHEET<br>1 OF 1 |  |

|                           |   |
|---------------------------|---|
| THIRD ANGLE<br>PROJECTION |  |
| ALL DIMS IN               | mm  |