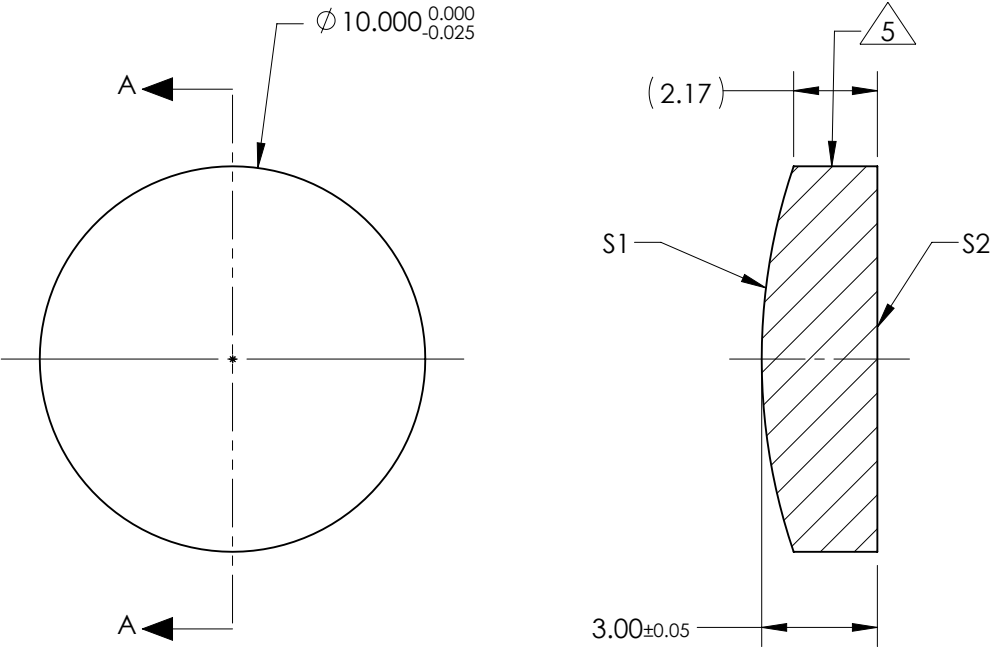


NOTES:

- 1. SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: 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: VIS-EXT  
R(AVG) ≤ 0.5% FROM 350-700nm @ 0° AOI
- 5. FINE GRIND SURFACE
- 6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 7. FOCAL LENGTH (EFL): 30.00mm±1%  
BACK FOCAL LENGTH (BFL): 28.01mm
- 8. PROTECTIVE BEVEL AS NEEDED
- 9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

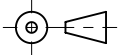
**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 15.50      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø 9.00     | Ø 9.00     |
| MIN COATING APERTURE    | Ø 9.00     | Ø 9.00     |
| 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

|                                                                                                             |                                                              |  |                 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--|-----------------|
|  <b>Edmund Optics®</b> |                                                              |  |                 |
| TITLE                                                                                                       | 10.0mm Dia. x 30.0mm FL, VIS-EXT<br>Coated Plano-Convex Lens |  |                 |
| DWG NO                                                                                                      | 88666                                                        |  | SHEET<br>1 OF 1 |

THIRD ANGLE  
PROJECTION



ALL DIMS IN

mm