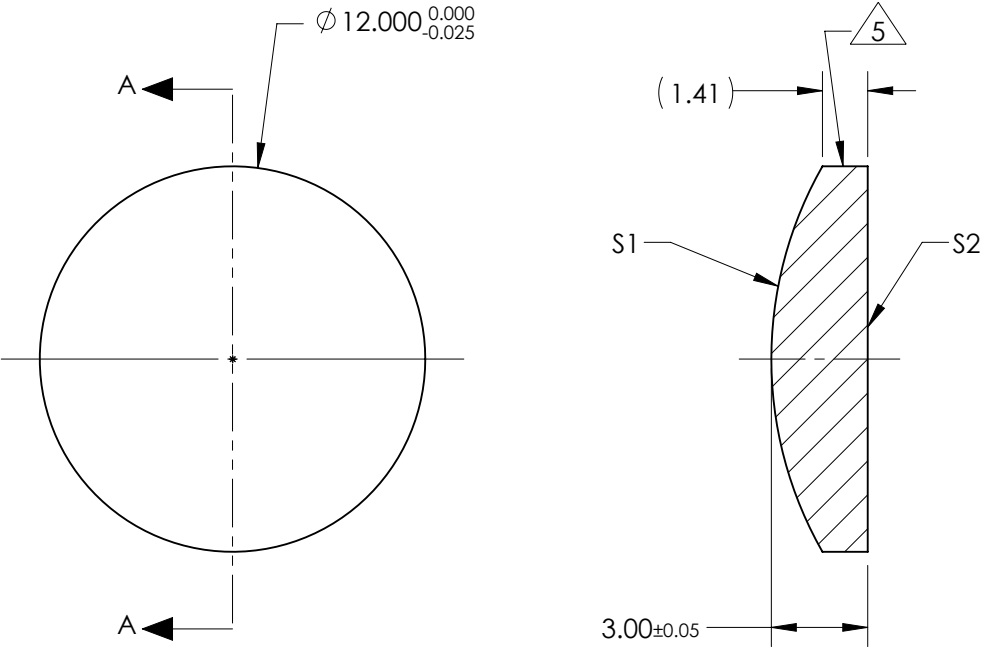


NOTES:

- SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-SF5 673/322
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: 633nm V-COAT  
R(ABS) < 0.25% @ 633nm @ 0° AOI
-  FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 18.00mm±1%  
BACK FOCAL LENGTH (BFL): 16.22mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm



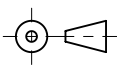
SECTION A-A

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

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 12.11      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø 11.00    | Ø 11.00    |
| MIN COATING APERTURE    | Ø 11.00    | Ø 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

 **Edmund Optics®**

|                           |                                                                                       |        |                                                     |                 |
|---------------------------|---------------------------------------------------------------------------------------|--------|-----------------------------------------------------|-----------------|
| THIRD ANGLE<br>PROJECTION |  | TITLE  | 12.0mm Diameter x 18.0mm FL, 633nm V-Coat, PCX Lens |                 |
| ALL DIMS IN               | mm                                                                                    | DWG NO | 66262                                               | SHEET<br>1 OF 1 |