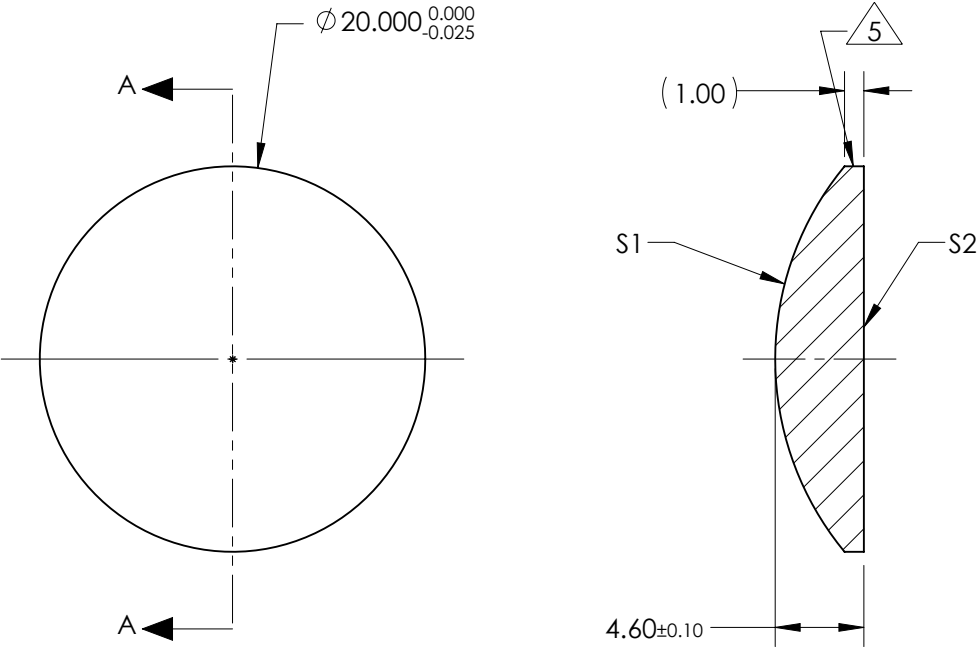


NOTES:

- SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-SF11 785/258
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: 405nm V-COAT  
R(ABS) < 0.25% @ 405nm @ 0° AOI
- FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 20.00mm±1%  
BACK FOCAL LENGTH (BFL): 17.42mm
- 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                  | 15.70      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø 19.00    | Ø 19.00    |
| MIN COATING APERTURE    | Ø 19.00    | Ø 19.00    |
| 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 20.0mm Diameter x 20.0mm FL, 405nm V-Coat, PCX Lens

DWG NO 88970

SHEET 1 OF 1

THIRD ANGLE PROJECTION

ALL DIMS IN

mm