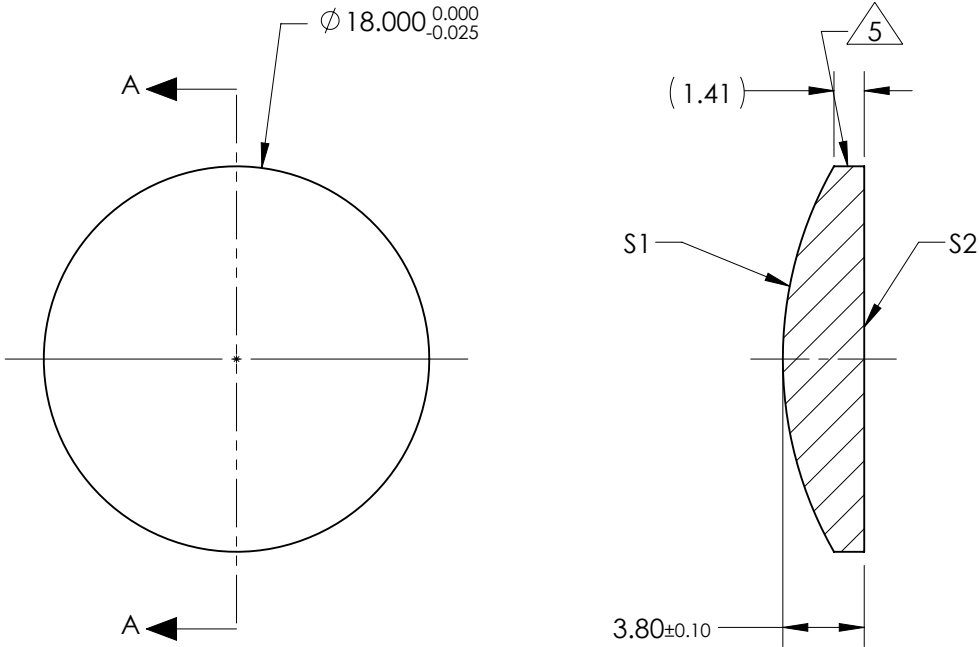


NOTES:

- 1. SUBSTRATE:
GRADE A FINE ANNEALED
SCHOTT: N-SF5 673/322
- 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): 27.00mm ±1%
BACK FOCAL LENGTH (BFL): 24.73mm
- 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 | 18.16 | INFINITY |
| SURFACE QUALITY | 40 - 20 | 40 - 20 |
| MIN CLEAR APERTURE | Ø 17.00 | Ø 17.00 |
| MIN COATING APERTURE | Ø 17.00 | Ø 17.00 |
| 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 | 18.0mm Dia. x 27.0mm FL, VIS-EXT Coated Plano-Convex Lens | | |
| DWG NO | 88705 | | SHEET 1 OF 1 |

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm