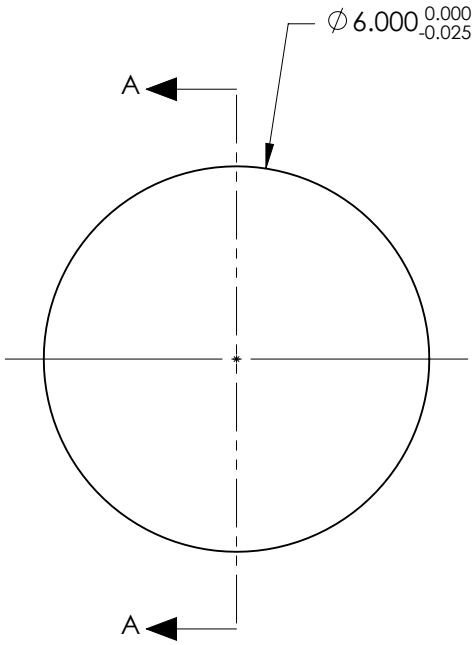
NOTES:

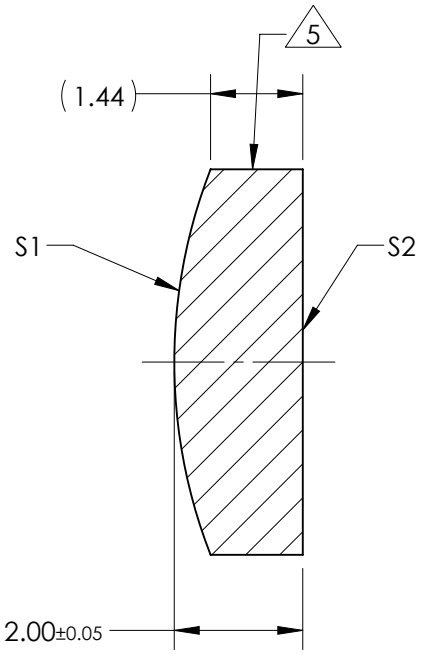
1. SUBSTRATE:
   CORNING: FUSED SILICA 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

   S1 & S2: 266nm High Power V-Coat
   R(ABS) ≤ 0.25% @ 266nm @ 0° AOI

   DAMAGE THRESHOLD
   PULSED: 10J/cm² @ 20ns, 20Hz @ 266nm

5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 18.00mm ±1%
   BACK FOCAL LENGTH (BFL): 16.62mm
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 | 8.25 | INFINITY |
| SURFACE QUALITY | 20 - 10 | 20 - 10 |
| MIN CLEAR APERTURE | ∅5.40 | ∅5.40 |
| MIN COATING APERTURE | ∅5.00 | ∅5.00 |
| POWER AT 632.8nm | 2.00 RINGS | 2.00 RINGS |
| IRREGULARITY AT 632.8nm | 0.20 RINGS | 0.20 RINGS |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

| | | | |
|---|---|---|---|
| THIRD ANGLE PROJECTION | | TITLE | 6mm Diameter x 18mm FL, 266nm Coated, Laser Grade PCX Lens |
| ALL DIMS IN | mm | DWG NO | 87929 |
| | | | SHEET 1 OF 1 |