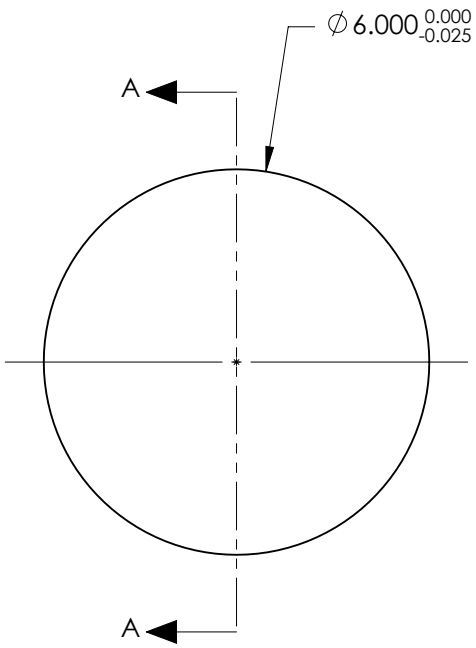
NOTES:

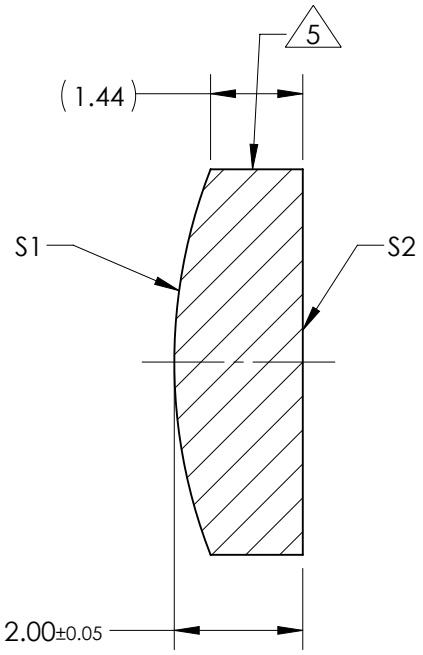
1. SUBSTRATE:
   CORNING: FUSED SILICA 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

   S1 & S2: 1064nm High Power V-Coat
   R(ABS) ≤ 0.25% @ 1064nm @ 0° AOI

   DAMAGE THRESHOLD
   PULSED: 10J/cm² @ 20ns, 20Hz @ 1064nm

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

ALL DIMS IN mm

TITLE: 6mm Diameter x 18mm FL, 1064nm Coated, Laser Grade PCX Lens

DWG NO: 87941

SHEET 1 OF 1