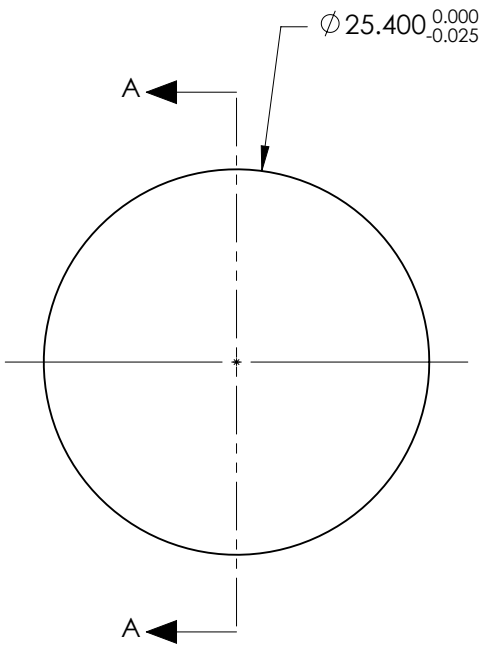
NOTES:

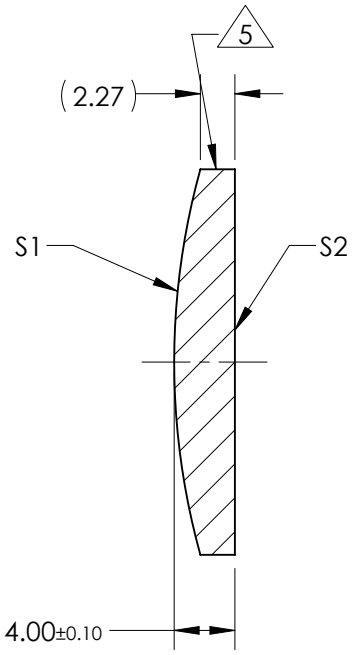
1. SUBSTRATE:
   CORNING: FUSED SILICA 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

   S1 & S2: 266nm Laser AR Coating
   R(ABS) < 0.25% @ 266nm @ 0° AOI

   DAMAGE THRESHOLD
   PULSED: 3J/cm² @ 20ns, 20Hz @ 266nm

5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 100.00mm ±1%
   BACK FOCAL LENGTH (BFL): 97.32mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 355nm





SECTION A-A

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	47.61	INFINITY
SURFACE QUALITY	10 - 5	10 - 5
MIN CLEAR APERTURE	∅21.59	∅21.59
MIN COATING APERTURE	∅21.59	∅21.59
POWER AT 632.8nm	2.0 RINGS	2.0 RINGS
IRREGULARITY AT 632.8nm	0.2 RINGS	0.2 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	25.4mm Dia x 100mm EFL, 266nm Coated, Laser Grade PCX Lens
ALL DIMS IN	mm	DWG NO	38649
			SHEET 1 OF 1