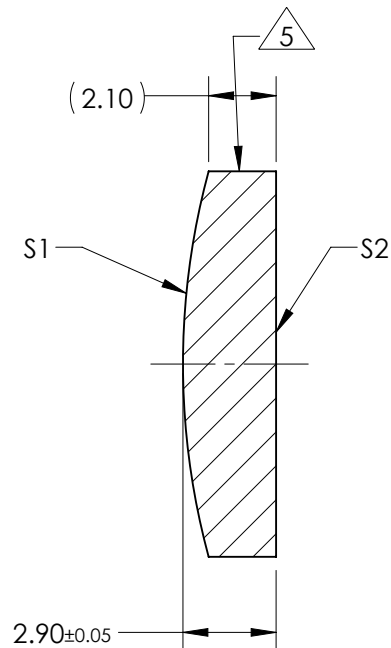
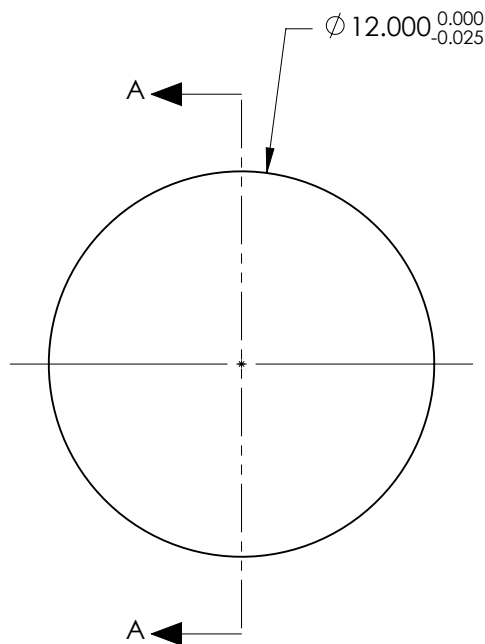


NOTES:

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: 532nm High Power V-Coat  
R(ABS) ≤ 0.25% @ 532nm @ 0° AOI  
  
DAMAGE THRESHOLD  
PULSED: 7.5J/cm² @ 20ns, 20Hz @ 532nm
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 50.00mm ±1%  
BACK FOCAL LENGTH (BFL): 48.01mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



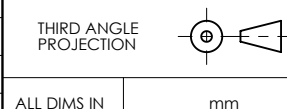
SECTION A-A

**FOR INFORMATION ONLY:**  
**DO NOT MANUFACTURE**  
**PARTS TO THIS DRAWING**

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	22.92	INFINITY
SURFACE QUALITY	20 - 10	20 - 10
MIN CLEAR APERTURE	Ø 11.00	Ø 11.00
MIN COATING APERTURE	Ø 11.00	Ø 11.00
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

**EO**® **Edmund Optics**®



TITLE	12mm Diameter x 50mm FL, 532nm Coated, Laser Grade PCX Lens		
DWG NO	67962	SHEET	1 OF 1