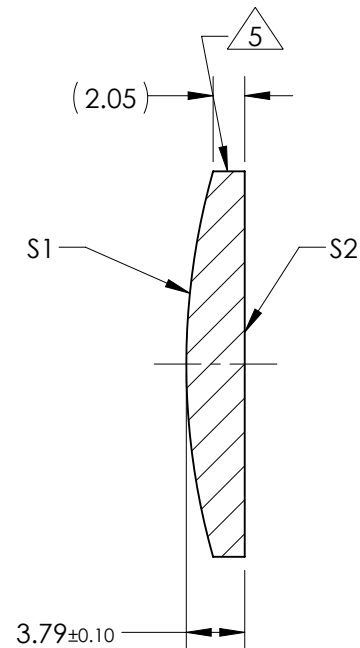
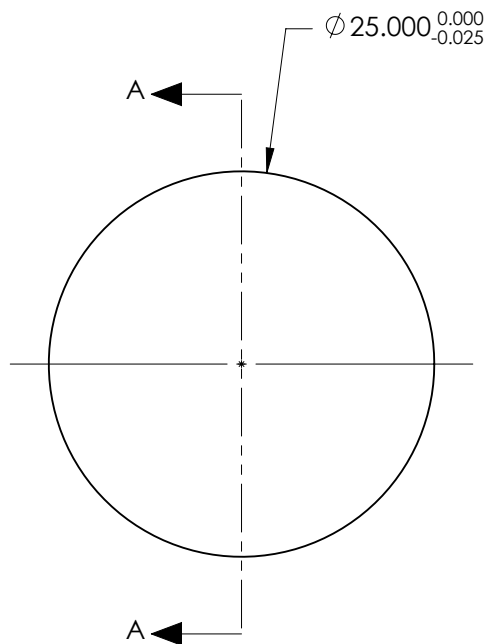


NOTES:

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: 355nm High Power V-Coat
R(ABS) ≤ 0.25% @ 355nm @ 0° AOI

DAMAGE THRESHOLD
PULSED: 7.5J/cm² @ 20ns, 20Hz @ 355nm
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): 97.40mm
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	45.85	INFINITY
SURFACE QUALITY	20 - 10	20 - 10
MIN CLEAR APERTURE	Ø 22.50	Ø 22.50
MIN COATING APERTURE	Ø 22.50	Ø 22.50
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**®



THIRD ANGLE
PROJECTION

ALL DIMS IN

mm

TITLE

25mm Diameter x 100mm FL, 355nm
Coated, Laser Grade PCX Lens

DWG NO

67956

SHEET
1 OF 1