

NOTES:

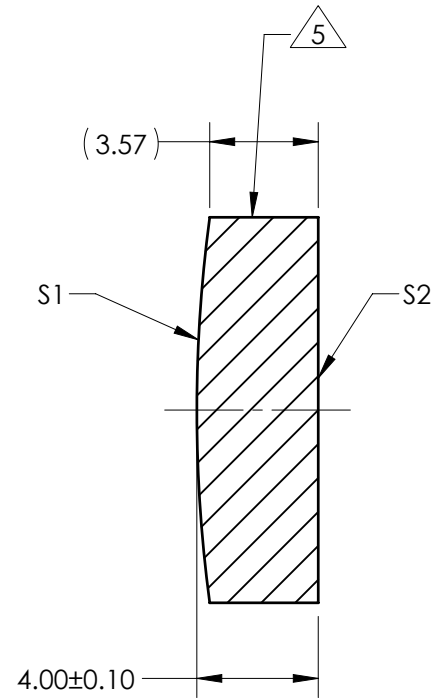
1. SUBSTRATE:
Fused Silica 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

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

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

 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

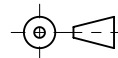
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	47.61	INFINITY
SURFACE QUALITY	10 - 5	10 - 5
MIN CLEAR APERTURE	Ø 11.70	Ø 11.70
MIN COATING APERTURE	Ø 11.70	Ø 11.70
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

12.7mm Dia x 100mm FL, 266nm Laser AR
Coating, 3J Coated, Plano-Convex Lens

DWG NO

38662

SHEET
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