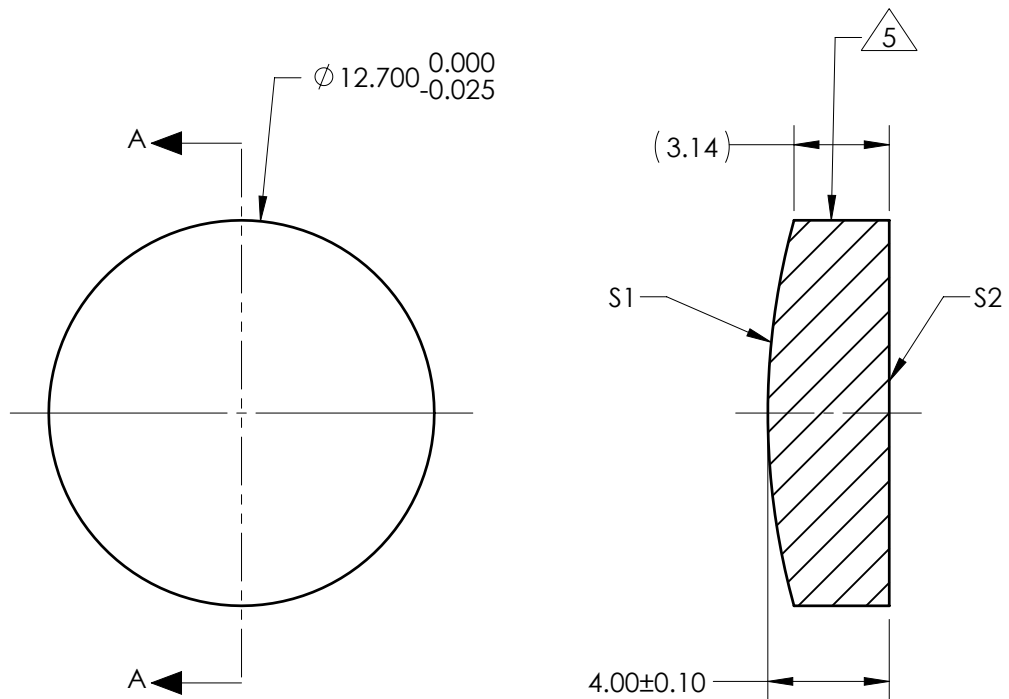


NOTES:

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: NONE
- △ 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): 47.30mm
 8. PROTECTIVE BEVEL AS NEEDED
 9. DESIGN WAVELENGTH: 355nm



SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	23.80	INFINITY
SURFACE QUALITY	10 - 5	10 - 5
MIN CLEAR APERTURE	Ø 11.70	Ø 11.70
MIN COATING APERTURE	N/A	N/A
POWER AT 632.8nm	2.00 RINGS	2.00 RINGS
IRREGULARITY AT 632.8nm	0.20 RINGS	0.20 RINGS

THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

 Edmund Optics®	
TITLE	12.7mm Dia x 50mm FL, Uncoated, Plano-Convex Lens
DWG NO	38636
SHEET 1 OF 1	