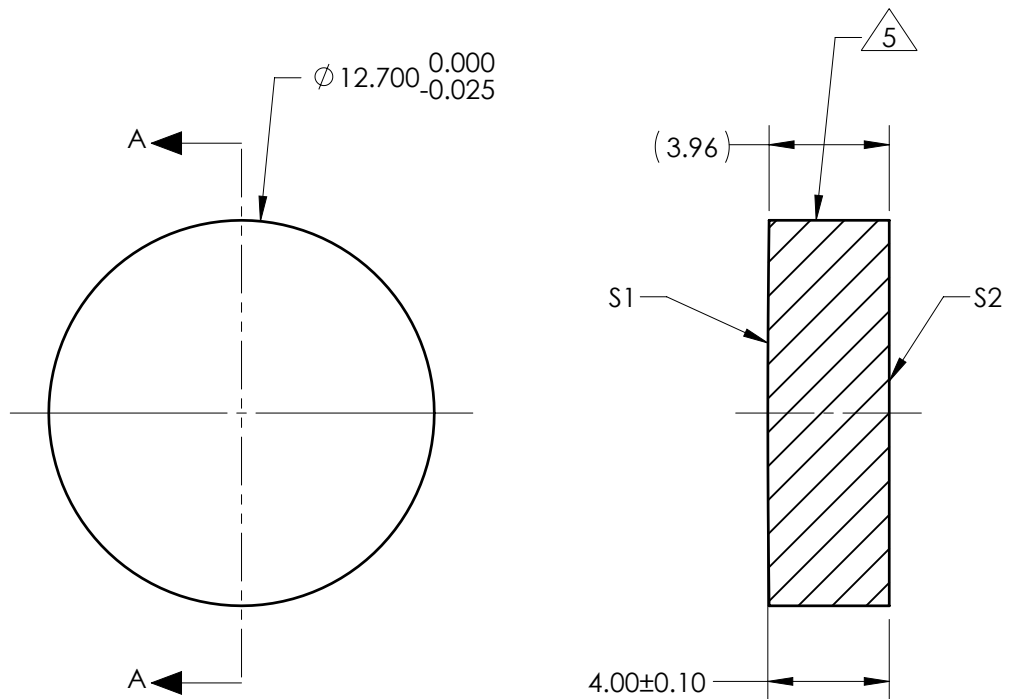


NOTES:

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): 1000.00mm±1%  
BACK FOCAL LENGTH (BFL): 997.59mm
  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	476.09	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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

THIRD ANGLE PROJECTION 		TITLE	12.7mm Dia x 1000mm FL, Uncoated, Plano-Convex Lens	
ALL DIMS IN	mm	DWG NO	38645	SHEET 1 OF 1