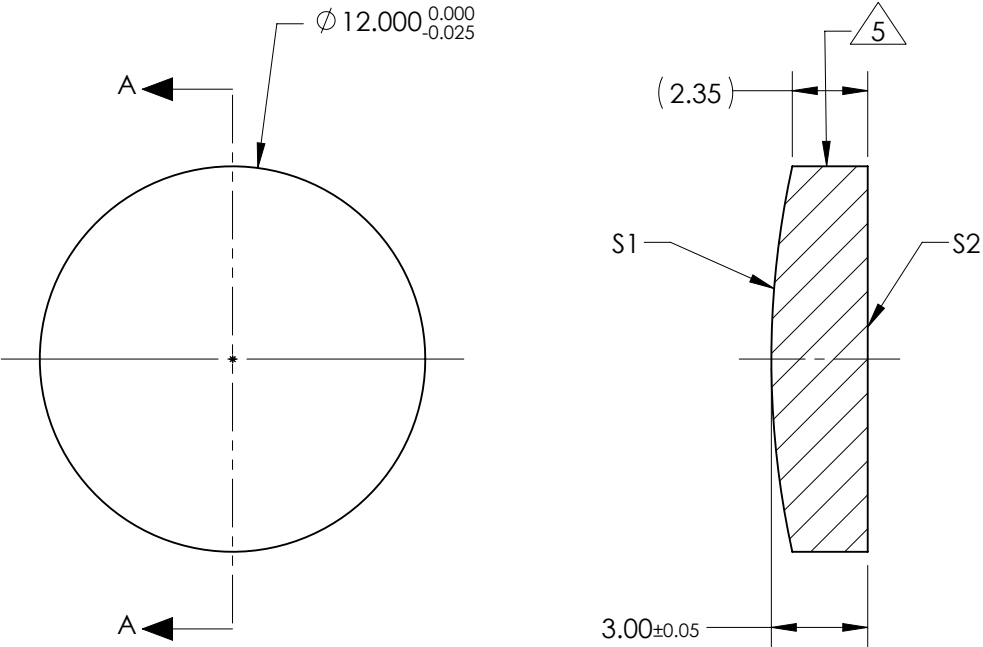


NOTES:

- SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-BK7 517/642
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: 633nm V-COAT  
R(ABS) < 0.25% @ 633nm @ 0° AOI
- FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 54.00mm±1%  
BACK FOCAL LENGTH (BFL): 52.02mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm



SECTION A-A

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

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	27.91	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 11.00	Ø 11.00
MIN COATING APERTURE	Ø 11.00	Ø 11.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

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THIRD ANGLE PROJECTION		TITLE	12.0mm Diameter x 54.0mm FL, 633nm V-Coat, PCX Lens	
ALL DIMS IN	mm	DWG NO	69441	SHEET 1 OF 1