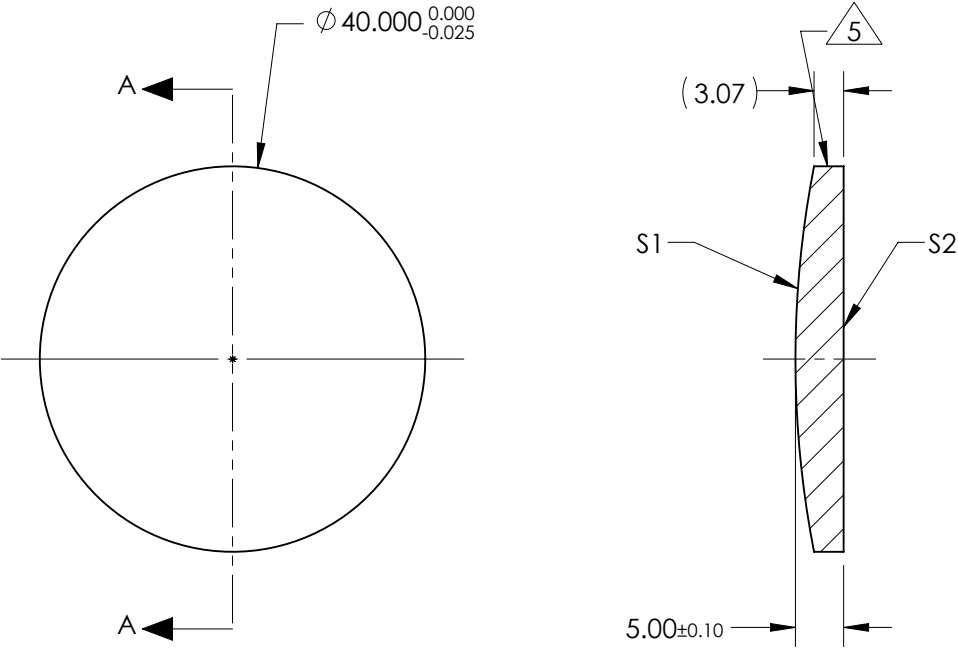


NOTES:

- SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-K5 523/595
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: NIR I  
 $R(AVG) \leq 0.5\%$  FROM 600-1050nm @ 0° AOI
- FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 200.00mm±1%  
BACK FOCAL LENGTH (BFL): 196.92mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm




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	104.60	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 39.00	Ø 39.00
MIN COATING APERTURE	Ø 39.00	Ø 39.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

 <b>Edmund Optics®</b>	
TITLE	40.0mm Dia. x 200.0mm FL, NIR I Coated, PCX N-K5 Lens
DWG NO	48792
SHEET 1 OF 1	