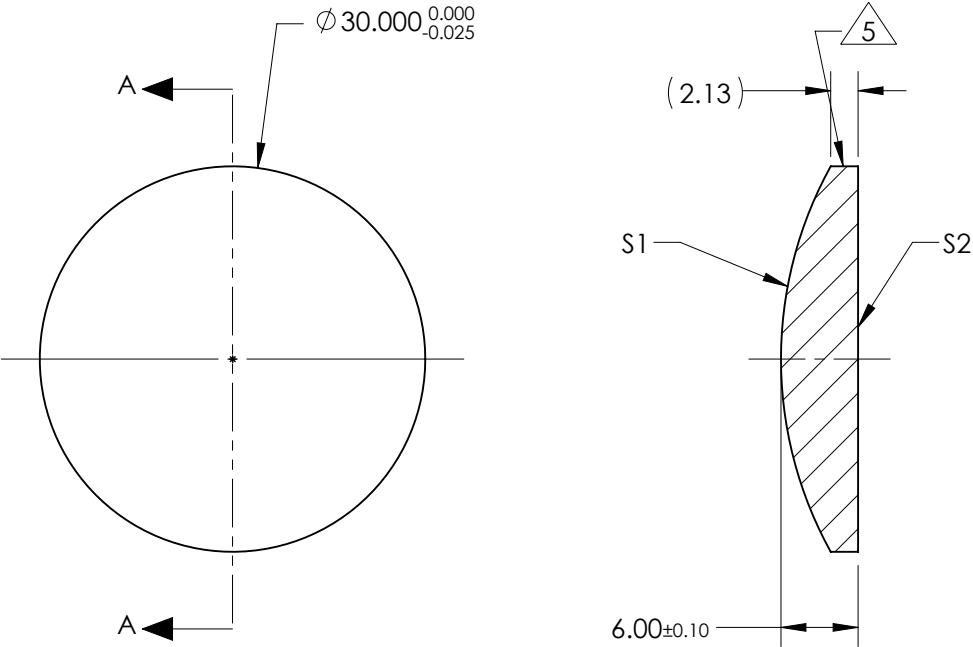


NOTES:

- 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: 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): 60.00mm±1%
BACK FOCAL LENGTH (BFL): 56.03mm
- 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	31.01	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	$\phi 29.00$	$\phi 29.00$
MIN COATING APERTURE	$\phi 29.00$	$\phi 29.00$
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

Edmund Optics®

TITLE 30.0mm Dia. x 60.0mm FL, NIR I Coated,
Plano-Convex Lens

DWG NO 48784 SHEET 1 OF 1

THIRD ANGLE
PROJECTION
ALL DIMS IN mm