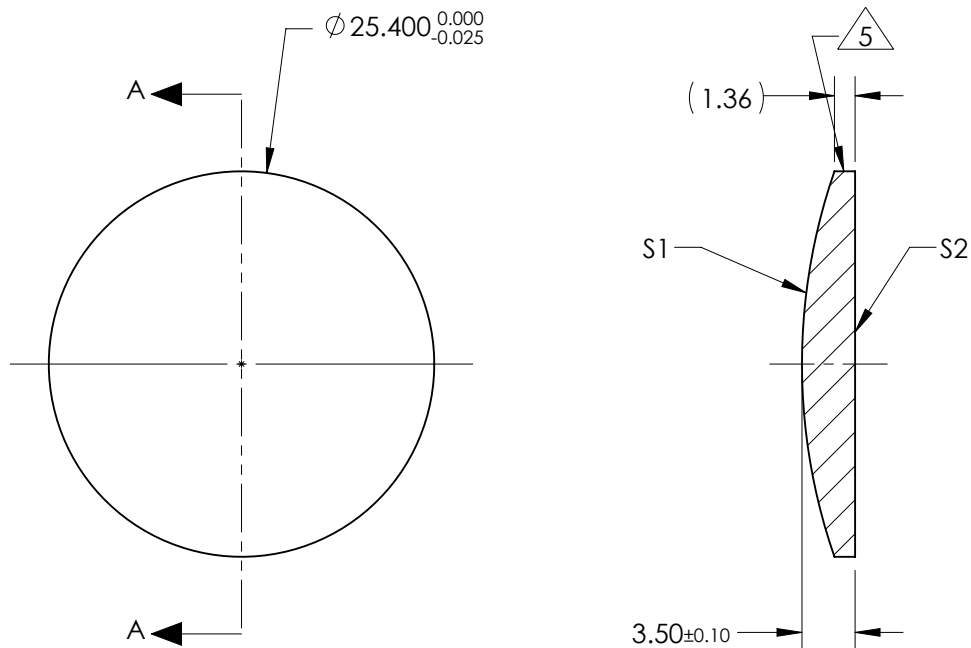


NOTES:

1. SUBSTRATE:
GRADE A FINE ANNEALED
SCHOTT: N-BK7 517/642
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)
S1 & S2:
1/4 WAVE MgF2 @ 550nm
R(AVG) < 1.75% FROM 400-700nm (N-BK7)
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 75.00mm \pm 1%
BACK FOCAL LENGTH (BFL): 72.69mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	38.76	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 24.40	Ø 24.40
MIN COATING APERTURE	Ø 24.40	Ø 24.40
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

EO® **Edmund Optics**®



THIRD ANGLE
PROJECTION

ALL DIMS IN

mm

TITLE

25.4mm Dia. x 75.0mm FL, MgF2 Coated,
Plano-Convex Lens

DWG NO

38262

SHEET
1 OF 1