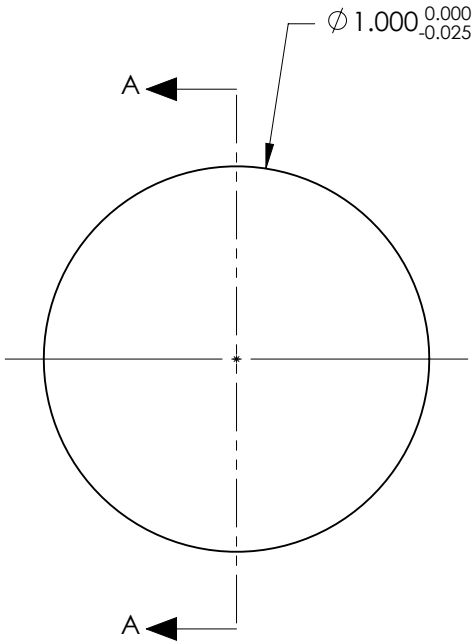
NOTES:

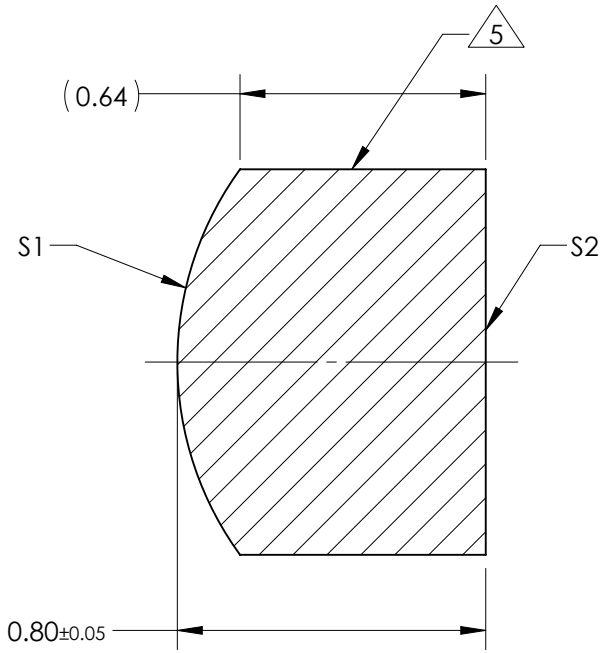
1. SUBSTRATE:
   GRADE A FINE ANNEALED
   SCHOTT: N-LaSF9 850/322
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <45 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

   S1 & S2: NIR II
   R(ABS) ≤ 1.5% FROM 750-800nm @ 0° AOI
   R(ABS) ≤ 1.0% FROM 800-1550nm @ 0° AOI
   R(AVG) ≤ 0.7% FROM 750-1550nm @ 0° AOI

△5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 1.00mm ±1%
   BACK FOCAL LENGTH (BFL): 0.57mm
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	0.85	INFINITY
SURFACE QUALITY	20 - 10	20 - 10
MIN CLEAR APERTURE	∅0.50	∅0.50
MIN COATING APERTURE	∅0.50	∅0.50
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®

THIRD ANGLE PROJECTION		TITLE	1mm Dia x 1mm FL, NIR II Coated, Plano-Convex Lens
ALL DIMS IN	mm	DWG NO	67424
			SHEET 1 OF 1