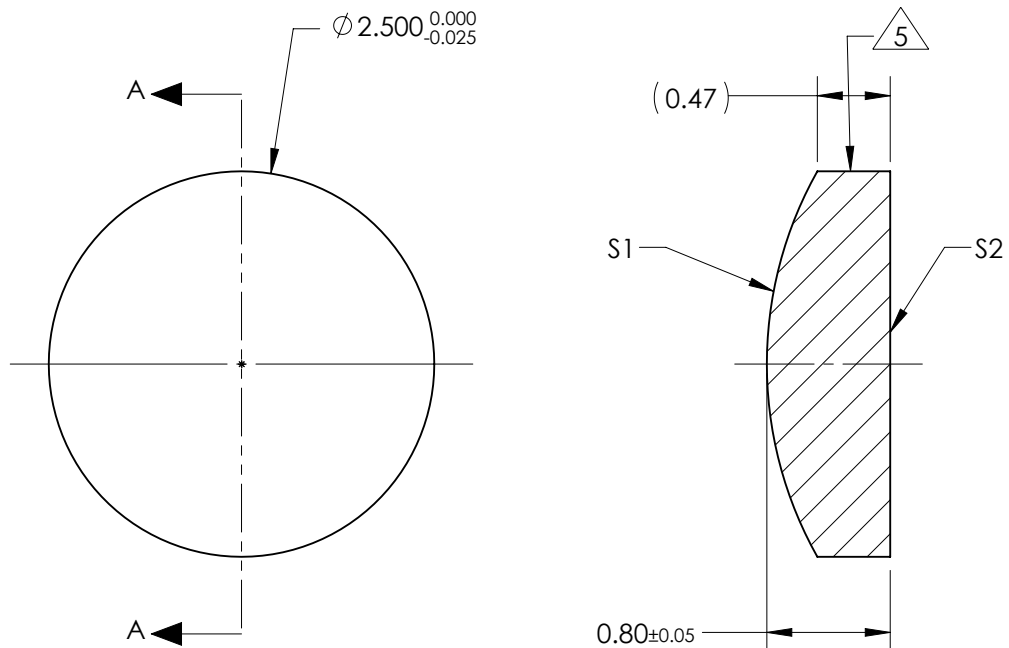


NOTES:

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: TELECOM-NIR  
R(ABS) ≤ 0.25% FROM 1295-1325nm @ 0° AOI  
R(ABS) ≤ 0.25% FROM 1535-1565nm @ 0° AOI  
R(AVG) ≤ 0.25% FROM 1200-1600nm @ 0° AOI
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 3.00mm±1%  
BACK FOCAL LENGTH (BFL): 2.57mm
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	2.55	INFINITY
SURFACE QUALITY	20 - 10	20 - 10
MIN CLEAR APERTURE	Ø 2.00	Ø 2.00
MIN COATING APERTURE	Ø 2.00	Ø 2.00
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

**EO**® **Edmund Optics**®

THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

TITLE	2.5mm Dia. x 3.0mm FL, Telecom-NIR Coated, Plano-Convex Lens		
DWG NO	45974	SHEET 1 OF 1	