

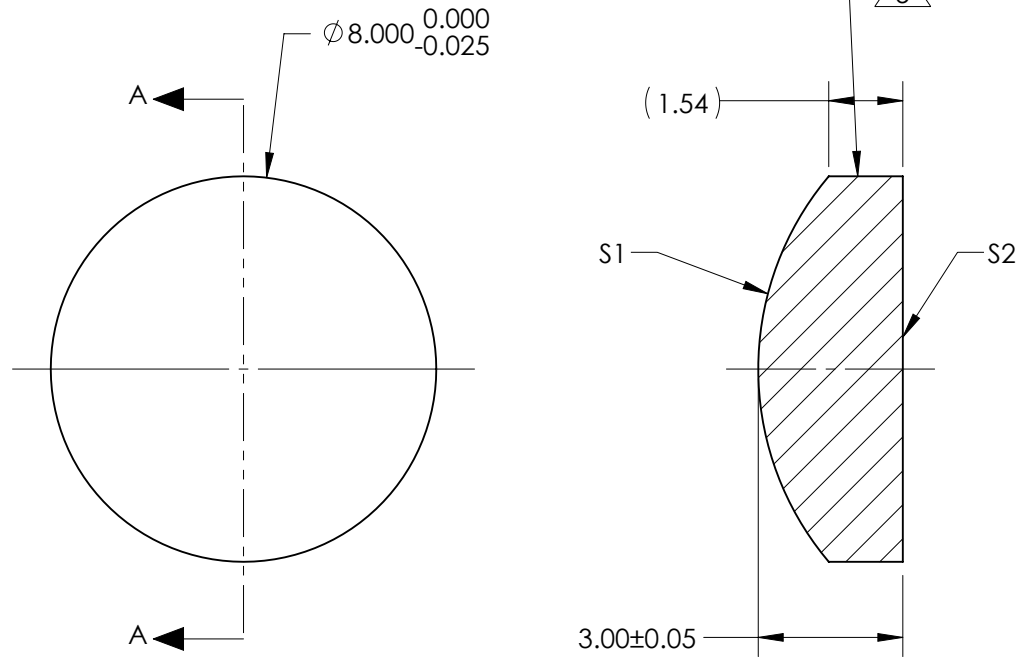
NOTES:

1. SUBSTRATE:  
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: NIR II  
 $R(ABS) \leq 1.5\%$  FROM 750 - 800nm @ 0° AOI  
 $R(ABS) \leq 1.0\%$  FROM 800 - 1550nm @ 0° AOI  
 $R(AVG) \leq 0.7\%$  FROM 750 - 1550nm @ 0° AOI

 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 12.00mm±1%  
BACK FOCAL LENGTH (BFL): 10.00mm
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	6.20	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	$\phi 7.20$	$\phi 7.20$
MIN COATING APERTURE	$\phi 7.00$	$\phi 7.00$
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®**

 THIRD ANGLE PROJECTION	TITLE	8mm Dia x 12mm FL, NIR II Coated, Plano-Convex Lens	
	DWG NO	71331	SHEET 1 OF 1

ALL DIMS IN mm