

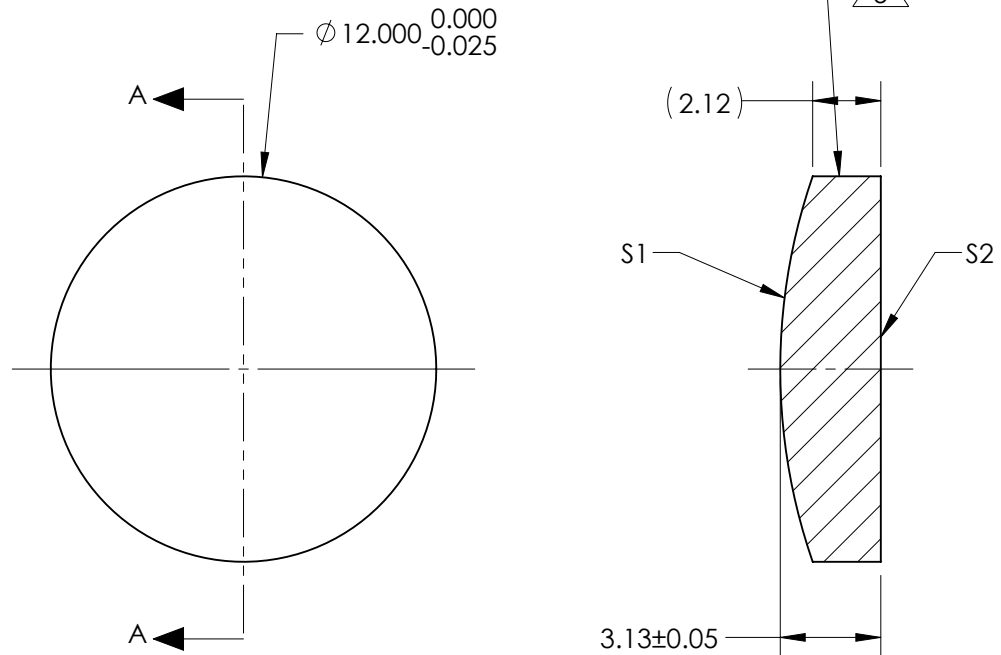
NOTES:

1. SUBSTRATE:  
#REF!
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): 40.00mm±1%  
BACK FOCAL LENGTH (BFL): 37.85mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

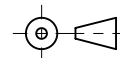
**FOR INFORMATION ONLY:**  
**DO NOT MANUFACTURE**  
**PARTS TO THIS DRAWING**

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	18.34	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 11.00	Ø 11.00
MIN COATING APERTURE	N/A	N/A
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



ALL DIMS IN

mm

TITLE

12mm Dia x 40mm FL, NIR II Coated,  
Plano-Convex Lens

DWG NO

18051

SHEET  
1 OF 1