

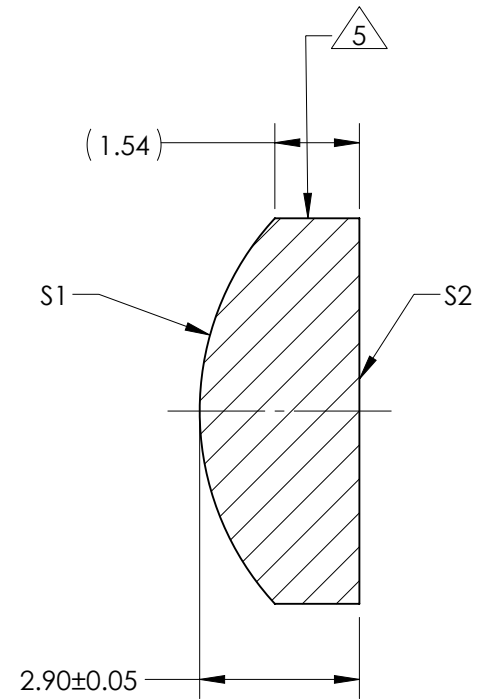
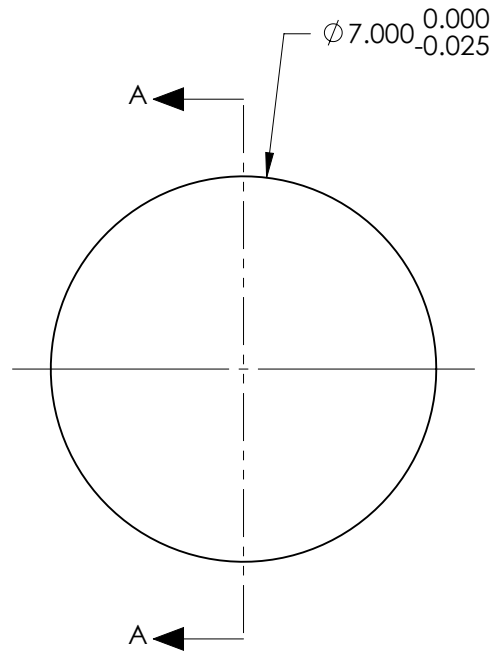
NOTES:

1. SUBSTRATE:
N-BK7 517/642
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 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): 10.00mm±1%
BACK FOCAL LENGTH (BFL): 8.10mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

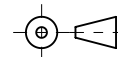
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	5.17	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 6.30	Ø 6.30
MIN COATING APERTURE	Ø 6.00	Ø 6.00
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



ALL DIMS IN

mm

TITLE

7mm Dia x 10mm FL, NIR II Coated,
Plano-Convex Lens

DWG NO

71303

SHEET
1 OF 1