

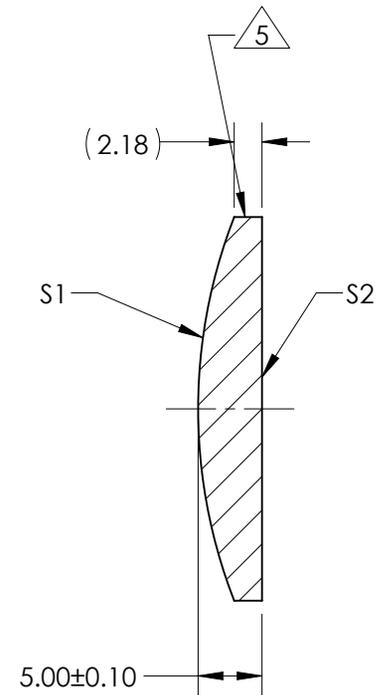
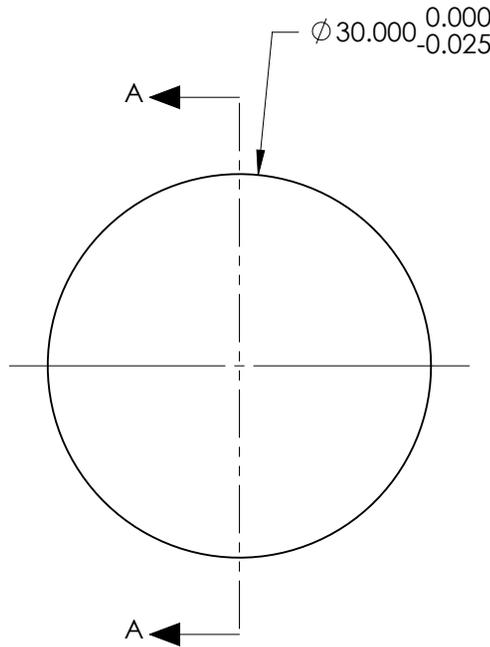
NOTES:

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) ≤ 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

△ FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 90.00mm±1%
BACK FOCAL LENGTH (BFL): 86.57mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



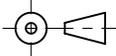
SECTION A-A

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

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	41.26	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	∅ 29.00	∅ 29.00
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

EO® **Edmund Optics**®

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

TITLE	30mm Dia x 90mm FL, NIR II Coated, Plano-Convex Lens	
DWG NO	18241	SHEET 1 OF 1