

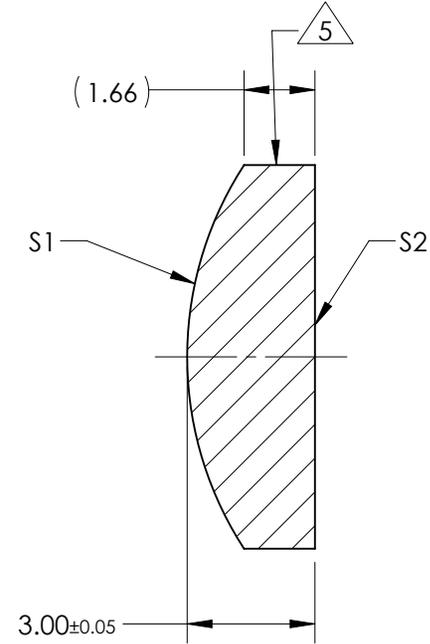
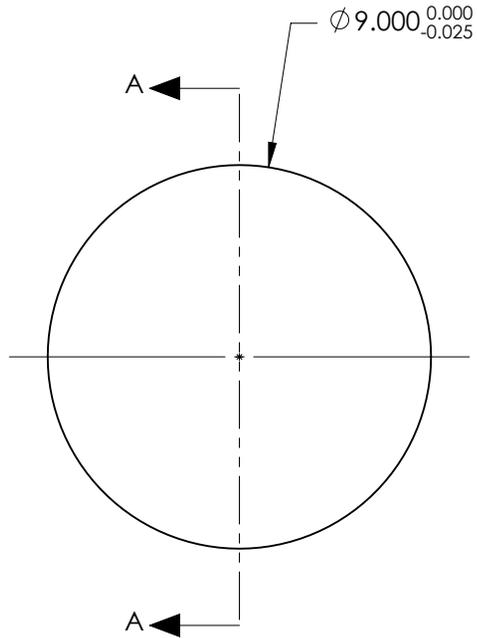
NOTES:

1. SUBSTRATE:
CORNING: FUSED SILICA 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

S1 & S2: VIS-NIR
 R(ABS) ≤ 0.25% AT 880nm @ 0° AOI
 R(AVG) ≤ 1.25% FROM 400-870nm @ 0° AOI
 R(AVG) ≤ 1.25% FROM 890-1000nm @ 0° AOI

5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 18.00mm ±1%
BACK FOCAL LENGTH (BFL): 15.94mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



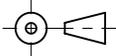
SECTION A-A

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

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	8.25	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 8.10	Ø 8.10
MIN COATING APERTURE	Ø 8.00	Ø 8.00
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	9mm Dia. x 18mm FL VIS-NIR Coated, UV Plano-Convex Lens	
DWG NO	63790	SHEET 1 OF 1