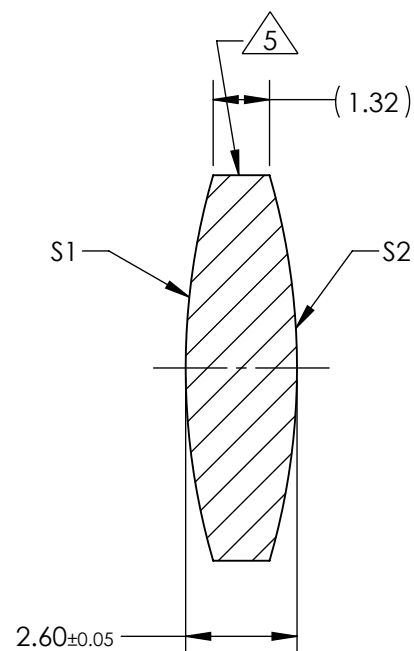
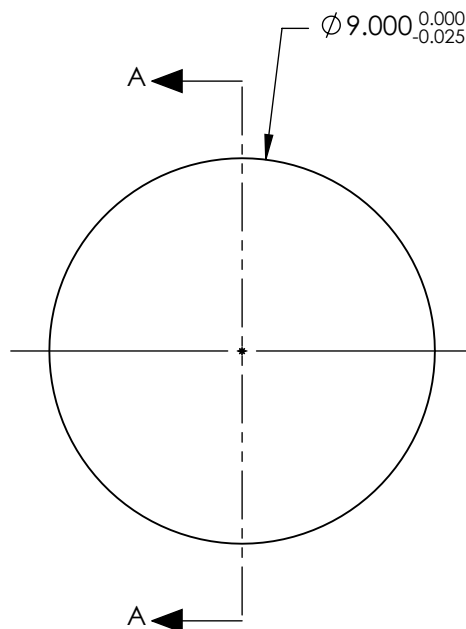


NOTES:

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: UV-VIS
R(AVG) ≤ 1.5% FROM 250-700nm @ 0° AOI
R(ABS) ≤ 1.0% FROM 350-450nm @ 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): 17.09mm
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	CONVEX
RADIUS	16.09	16.09
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø8.10	Ø8.10
MIN COATING APERTURE	Ø8.00	Ø8.00
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**®



ALL DIMS IN mm

TITLE 9mm Dia. x 18mm, UV-VIS Coated, UV Double-Convex Lens

DWG NO 49259

SHEET 1 OF 1