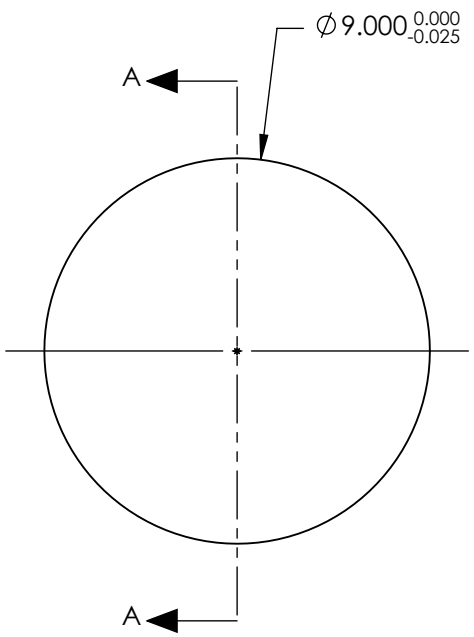
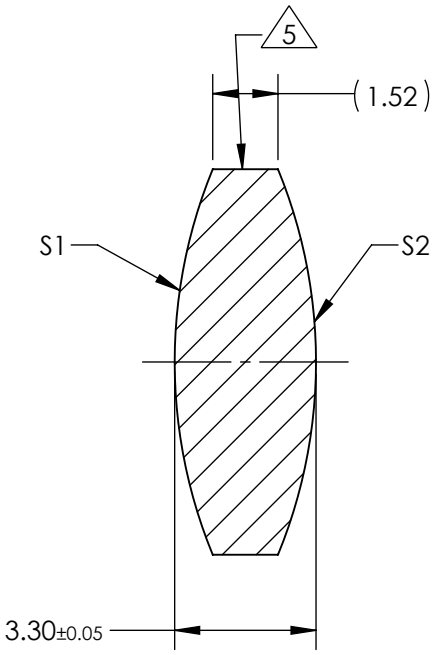
NOTES:

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-AR
   R(ABS) ≤ 1.0% FROM 250-425nm @ 0° AOI
   R(AVG) ≤ 0.75% FROM 250-425nm @ 0° AOI
   R(AVG) ≤ 0.5% FROM 370-420nm @ 0° AOI

5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 13.50mm±1%
   BACK FOCAL LENGTH (BFL): 12.32mm
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	11.84	11.84
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	∅8.10	∅8.10
MIN COATING APERTURE	∅8.00	∅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

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	9mm Dia. x 13.5mm FL, UV-AR Coated, UV Double-Convex Lens
ALL DIMS IN	mm	DWG NO	49250
			SHEET 1 OF 1