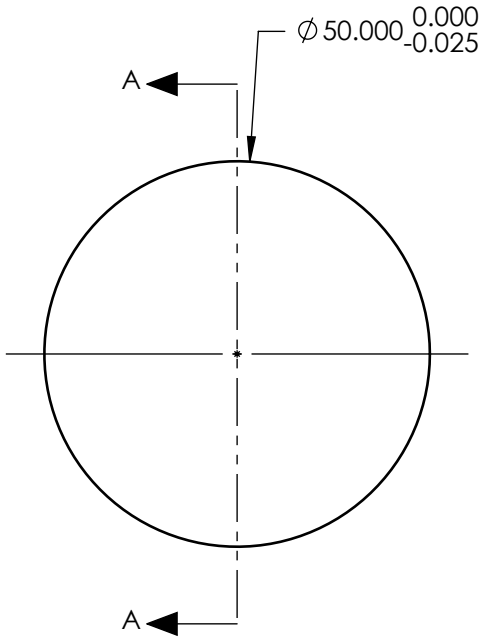
NOTES:

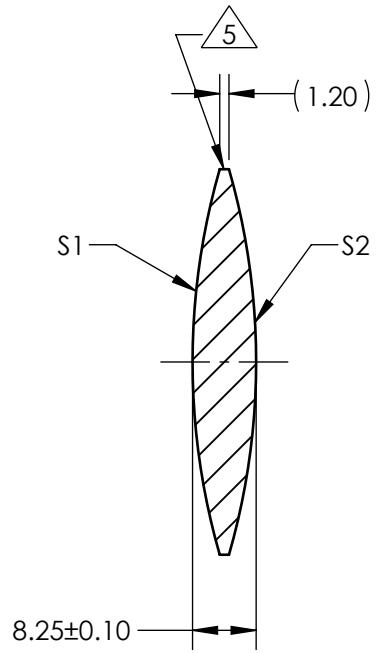
1. SUBSTRATE:
   Fused Silica 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

   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): 100.00mm±1%
   BACK FOCAL LENGTH (BFL): 97.13mm
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	90.38	90.38
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	∅49.00	∅49.00
MIN COATING APERTURE	∅49.00	∅49.00
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: 50mm Dia x 100mm FL, UV-AR Coated, Double-Convex Lens

DWG NO: 26603

SHEET 1 OF 1