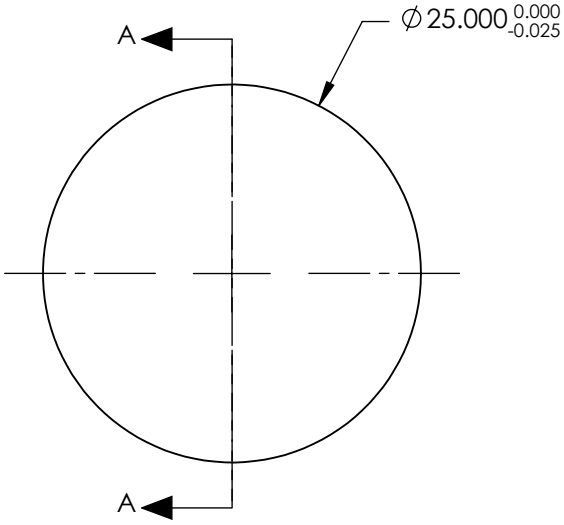
NOTES:

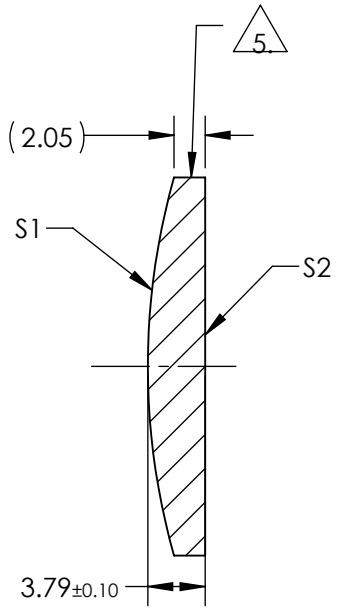
1. SUBSTRATE
   FUSED SILICA
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE):

   S1 & S2: NONE
   R(ABS) <0.25% @ 1064nm @ 0° AOI

   DAMAGE THRESHOLD,
   PULSED: 15 J/cm² @ 1064nm, 20ns 20Hz

5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 100.00 mm±1%
   BACK FOCAL LENGTH (BFL): 97.4 mm





SECTION A-A

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	45.85	INFINITY
SURFACE ACCURACY (P-V)	λ/20	λ/20
SURFACE QUALITY	20-10	20-10
MIN CLEAR APERTURE	Ø22.50	Ø22.50
MIN COATING APERTURE	N/A	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	25mm Dia. x 100mm FL, 1064nm Laser V-Coat, λ/20 PCX Lens	
ALL DIMS IN	mm	DWG NO	38776	SHEET 1 OF 1