

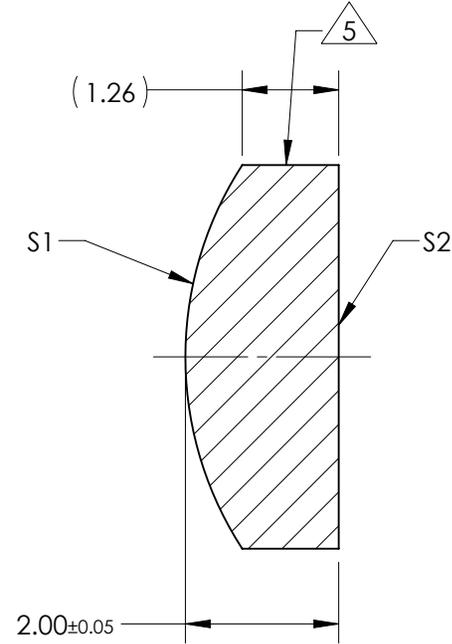
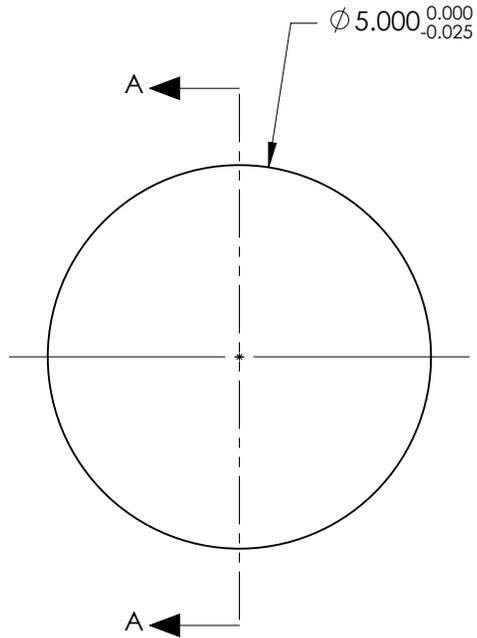
NOTES:

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

S1 & S2: VIS-NIR
 $R(\text{ABS}) \leq 0.25\%$ AT 880nm @ 0° AOI
 $R(\text{AVG}) \leq 1.25\%$ FROM 400-870nm @ 0° AOI
 $R(\text{AVG}) \leq 1.25\%$ FROM 890-1000nm @ 0° AOI

5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 10.00mm ±1%
BACK FOCAL LENGTH (BFL): 8.63mm
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	4.59	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	∅ 4.50	∅ 4.50
MIN COATING APERTURE	∅ 4.00	∅ 4.00
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		TITLE	5mm Dia x 10mm FL, VIS-NIR Coated, Plano-Convex Lens
ALL DIMS IN	mm	DWG NO	89427
			SHEET 1 OF 1