

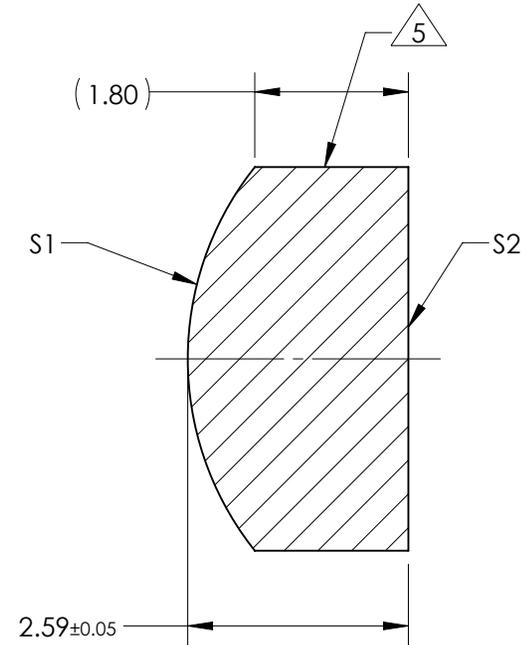
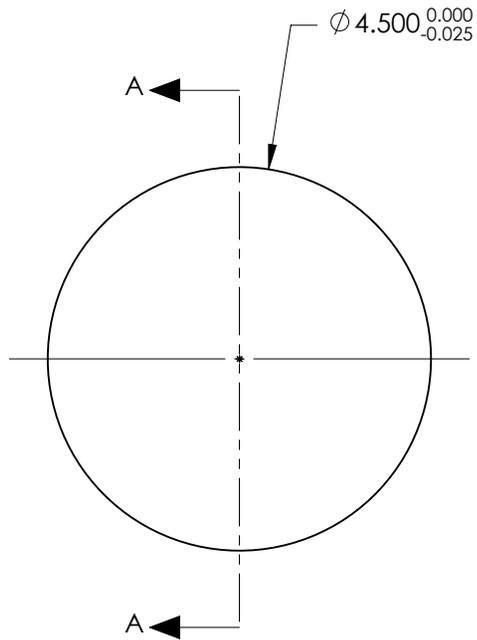
NOTES:

1. SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-LaSF44 803/464
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <45 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

S1: NONE  
S2: NONE

5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 4.50mm±1%  
BACK FOCAL LENGTH (BFL): 3.05mm
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	3.61	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	∅ 4.05	∅ 4.05
MIN COATING APERTURE	N/A	N/A
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	4.5mm Dia. x 4.5mm FL, Uncoated, Plano-Convex Lens
ALL DIMS IN	mm	DWG NO	45143
			SHEET 1 OF 1