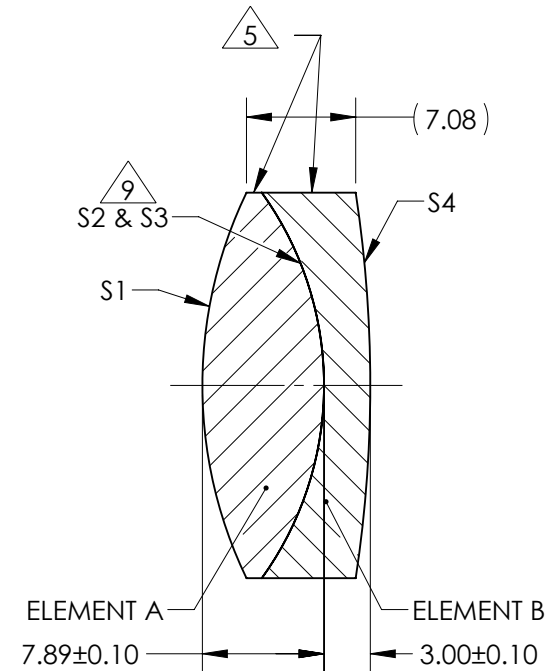
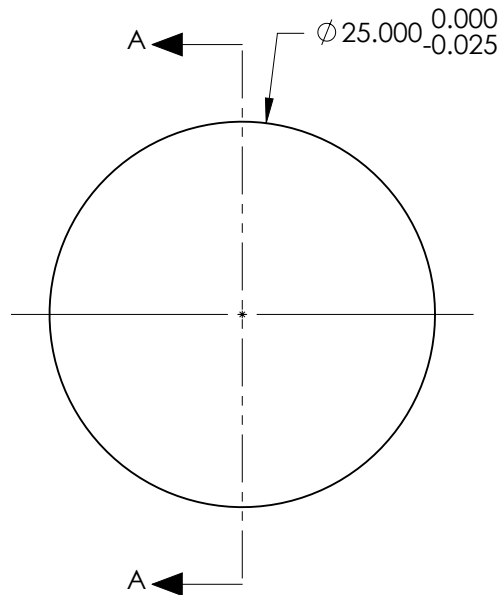


1. SUBSTRATE:
ELEMENT A: N-SK11 564/608
ELEMENT B: N-SF5 673/322
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

S1 & S4: VIS 0°
R(AVG) ≤ 0.4% FROM 425 - 675nm @ 0° AOI

S2 & S3: NONE
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 45.00mm±1%
BACK FOCAL LENGTH (BFL): 39.28mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm
9. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA61



FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

	SPECIFICATIONS AFTER CEMENTING			
ELEMENT TITLE	ELEMENT A		ELEMENT B	
SURFACE	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	28.75	21.38	21.38	82.92
SURFACE QUALITY	40 - 20	40 - 20	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 24.00	Ø 24.00	Ø 24.00	Ø 24.00
MIN COATING APERTURE	Ø 24.00	N/A	N/A	Ø 24.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS	0.50 RINGS	0.50 RINGS



TITLE	25mm Dia. x 45mm FL, VIS 0 Coated, Achromatic Lens
-------	---

DWG NO	47636	SHEET 1 OF 1
--------	-------	-----------------