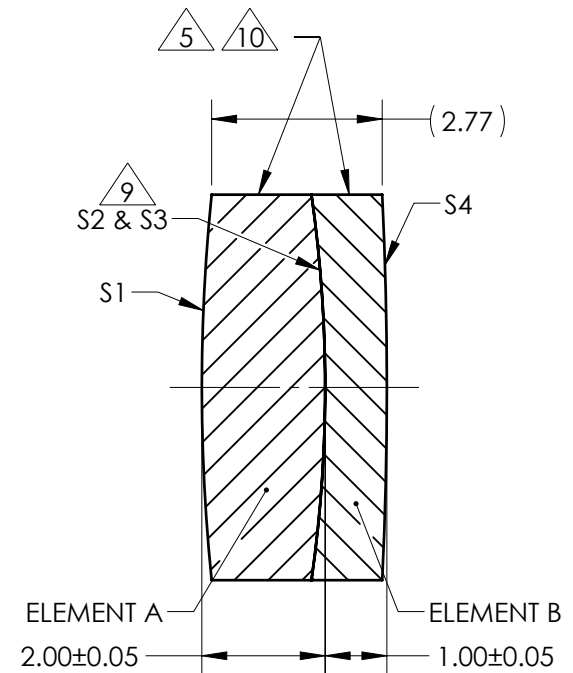
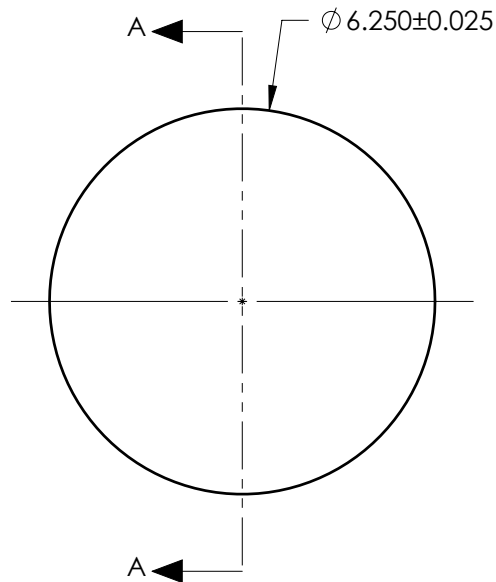


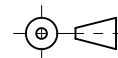
1. SUBSTRATE:
ELEMENT A: N-BK7 517/642
ELEMENT B: N-SF5 673/322
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)
S1 & S4: VIS 0°
R(AVG) ≤ 0.4% FROM 425 - 675nm @ 0° AOI
S2 & S3: NONE
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 50.00mm±1%
BACK FOCAL LENGTH (BFL): 48.61mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm
9. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL
ADHESIVE NOA61
10. BLACKENED SURFACE



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	30.77	22.05	22.05	64.60
SURFACE QUALITY	40 - 20	40 - 20	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 5.63	Ø 5.63	Ø 5.63	Ø 5.63
MIN COATING APERTURE	Ø 5.25	N/A	N/A	Ø 5.25
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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



ALL DIMS IN

mm

TITLE

6.25mm Dia. x 50mm FL, VIS 0, Inked,
Achromatic Lens

DWG NO

47697INK

SHEET
1 OF 1