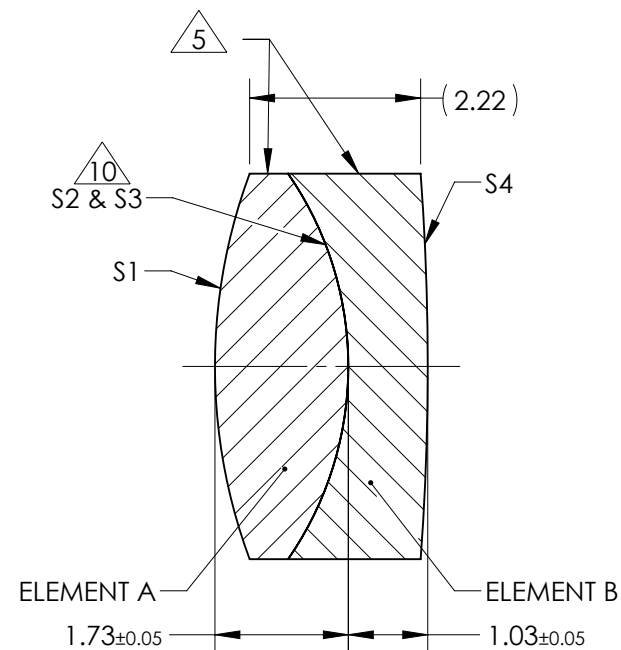
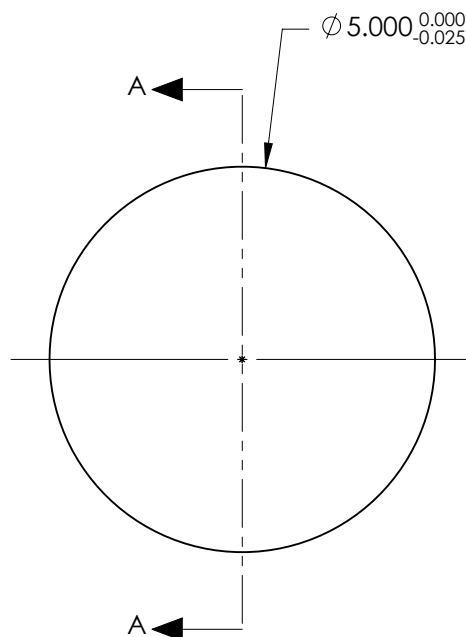


NOTES:

1. SUBSTRATE:
ELEMENT A: GRADE A FINE ANNEALED
SCHOTT: N-BaF10 670/472

ELEMENT B: GRADE A FINE ANNEALED
SCHOTT: N-SF10 728/284
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 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): 10.00mm ±2%
BACK FOCAL LENGTH (BFL): 8.56mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm
10. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL
ADHESIVE NOA61

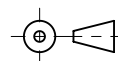


SECTION A-A

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

ELEMENT TITLE	SPECIFICATIONS AFTER CEMENTING			
	ELEMENT A		ELEMENT B	
SURFACE	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	7.17	4.39	4.39	33.96
SURFACE QUALITY	40 - 20	40 - 20	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 4.50	Ø 4.50	Ø 4.50	Ø 4.50
MIN COATING APERTURE	Ø 4.00	N/A	N/A	Ø 4.00
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

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Fiber Optics For Sale Co.
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5mm Dia. x 10mm FL, VIS 0 Coated,
Achromatic Lens

TITLE

DWG NO

E-49276

SHEET
1 OF 1