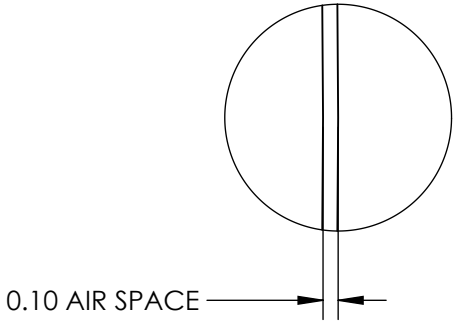


NOTES:

- 1. ALLOWABLE OPTICAL MATERIAL: GRADE A FINE ANNEALED
ELEMENT A: SCHOTT: N-BK7 517/642
ELEMENT B: SCHOTT: N-SF2 648/339
- 2. CENTERING TOLERANCE:
BEAM DEVIATION: 5 arc min.
- 3. COATING (APPLY ACROSS COATING APERTURE)
S1, S2, S3 & S4: 1/4 Wave MgF2@550nm
Ravg ≤1.75% 400-700nm (BK7)
- 4. FINE GROUND SURFACE
- 5. FOCAL LENGTH TOLERANCE: ± 1%

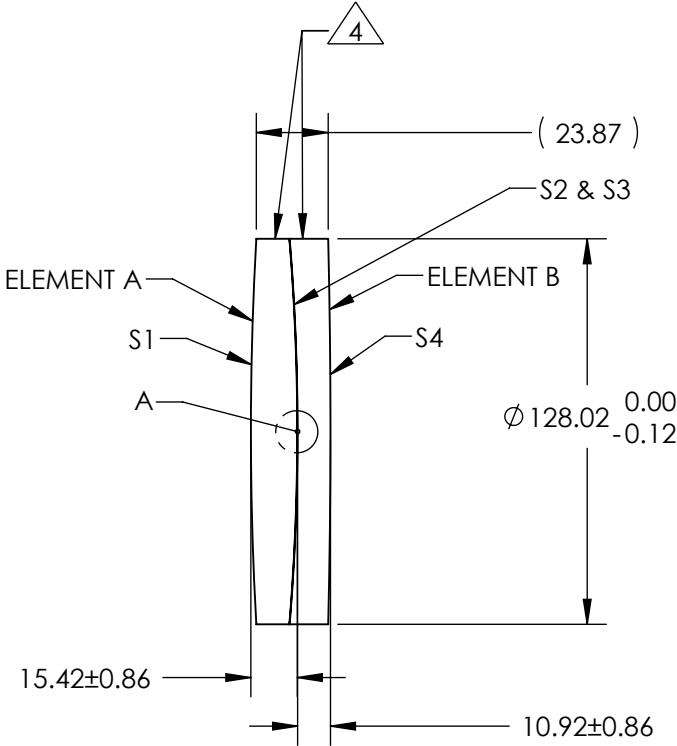
4. FINE GROUND SURFACE

5. FOCAL LENGTH TOLERANCE: ± 1%



DETAIL A

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	ELEMENT A		ELEMENT B	
	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	1,131.72	-780.87	-779.37	-2,704.01
SURFACE QUALITY	60-40	60-40	60-40	60-40
CLEAR APERTURE	124.50	124.50	124.50	124.50
BEVEL MAX FACE	0.4mm x 45°	0.4mm x 45°	0.4mm x 45°	0.4mm x 45°

EFL (AT 587.6nm)	1,900.24		
BFL (AT 587.6nm)	1,887.58		
ALL DIMS IN	mm	TITLE	LENS LARGE ACHROMAT 128.02MM DIA X 1900.24MM FL MgF2
		DWG NO	70163