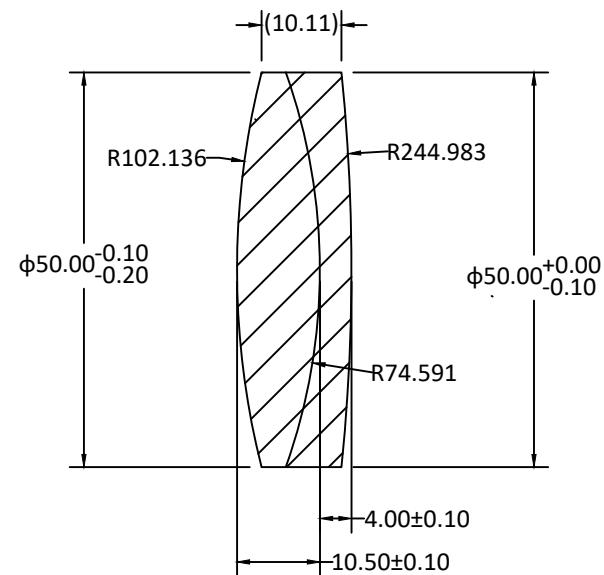
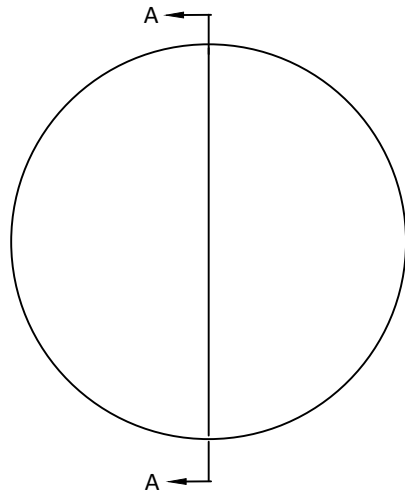


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
102.136 CX	±0.10	3	1	45	50.00	-0.10/-0.20	N-BK7	517-642	10.50	±0.10
74.591	±0.07	3	1	45	50.00	+0/-0.10	N-SF2	648-339	4.00	±0.10
244.983 CX	±0.20	3	1	45						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 0.10
3. MATERIAL GRADE B, FA PER MIL-G-174, SCHOTT OR EQUIVALENT, RoHS COMPLIANT
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. SURFACE QUALITY : 60-40 SCRATCH-DIG
7. CHAMFER EDGES: $0.5 \times 45^\circ$ MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 170MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: $R_{avg} < 0.35\%$ @ 420-680nm @ 0° AOI
12. CEMENT USING NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:			NAME	DATE			
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05		DRAWN	Sally Song	12.08.24	TITLE: DIAMETER 50MM, EFL 170MM, VIS 0 COATED, ACHROMAT LENS		
		CHECK					
		ENG APPR.					
		MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	REV 0		
MATERIAL		COMMENTS					
FINISH							
DO NOT SCALE DRAWING		PROJECT NO.			SCALE: 1:1	WEIGHT:	SHEET 1 OF 1