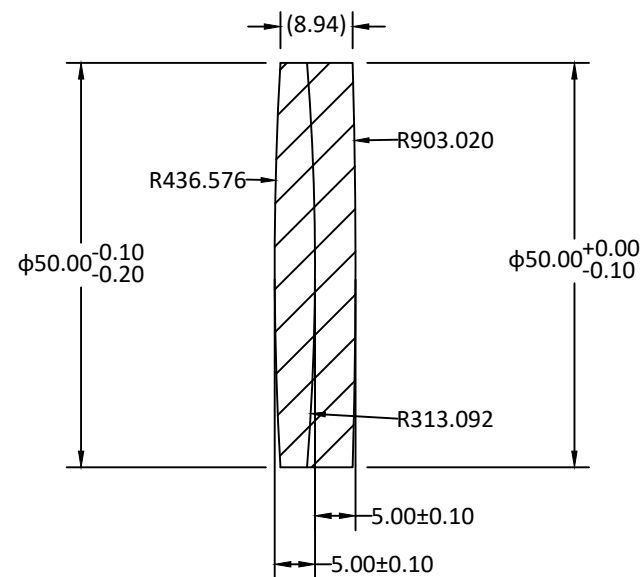
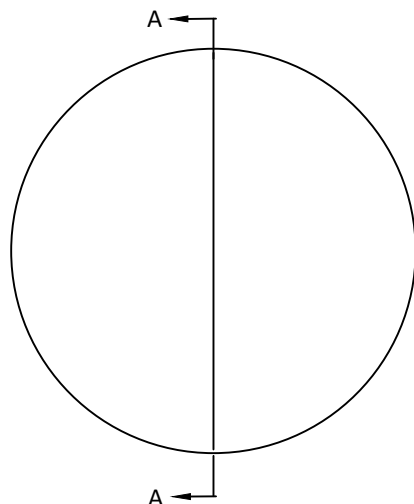


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
436.576 CX	±1.09	3	1	90%	50.00	-0.1/-0.2	N-BK7	517-642	5.00	±0.10
313.092	±0.78	3	1	90%	50.00	+0/-0.1	N-SF5	673-322	5.00	±0.10
903.020 CX	±2.25	3	1	90%						



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: 700MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: SINGLE LAYER MgF2@550NM PER MIL-C-675C, MODERATE ABRASION
12. CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:				NAME		DATE			
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL $\pm$ ANGULAR: ± 3 ARC MIN TWO PLACE DECIMAL: ± 0.10 THREE PLACE DECIMAL: ± 0.05				DRAWN	Sally Song	12.16.24			
INTERPRET GEOMETRIC TOLERANCING PER:				CHECK				TITLE: DIAMETER 50MM, EFL 700MM, MgF2 COATED, ACHROMAT LENS	
MATERIAL				ENG APPR.					
FINISH				MFG APPR.					
DO NOT SCALE DRAWING				QA	Ann Chen	12.18.24		SIZE A DWG.NO. L-AC0020700050	
PROJECT NO.				COMMENTS				SCALE: 1:1 WEIGHT: SHEET 1 OF 1	
								REV 0	