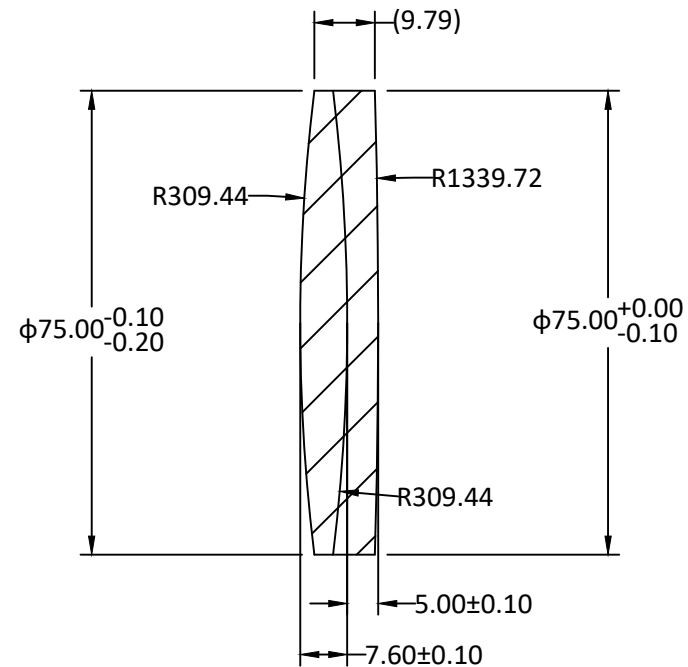
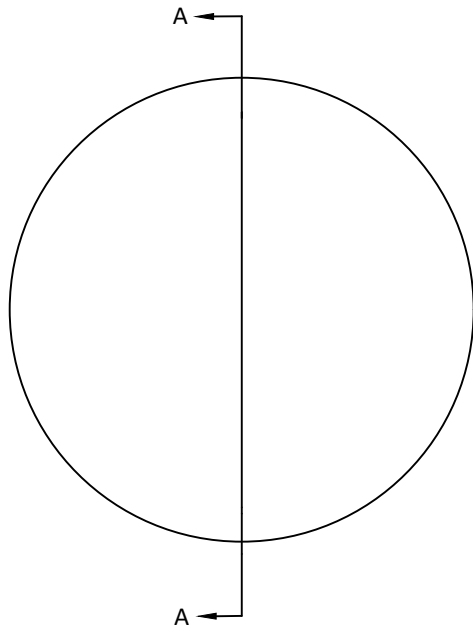


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
309.44 CX	±0.77	5	2	90%	75.00	-0.1/-0.2	N-BK7	517-642	7.60	±0.10
309.44	±0.77	5	2	90%	75.00	+0/-0.1	N-SF5	673-322	5.00	±0.10
1339.72 CX	±3.35	5	2	90%						



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: 600MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: SINGLE LAYER MgF2@550NM PER MIL-C-675C, MODERATE ABRASION
12. CEMENT USING 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 75.00MM, EFL 600MM, MgF2 COATED, ACHROMAT LENS	
MATERIAL				ENG APPR.					
FINISH				MFG APPR.					
DO NOT SCALE DRAWING				QA	Ann Chen	12.18.24		COMMENTS	
PROJECT NO.				SCALE: 1:1		WEIGHT:		SHEET 1 OF 1	
				SIZE		DWG. NO.		REV	
				A		L-AC0020600075		0	