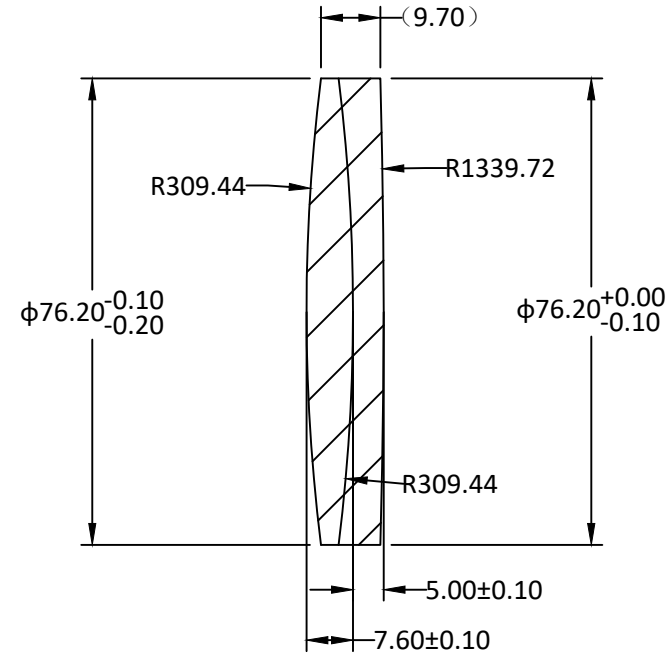
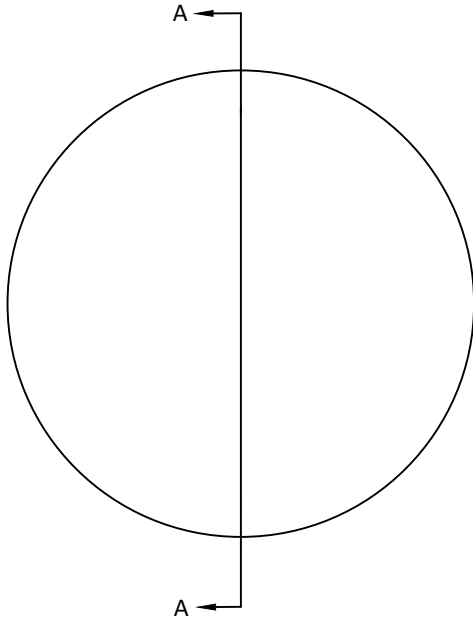


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
309.44 CX	±0.77	5	2	90%	76.20	-0.1/-0.2	N-BK7	517-642	7.60	±0.10
309.44	±0.77	5	2	90%	76.20	+0/-0.1	N-SF5	673-322	5.00	±0.10
1339.72 CX	±3.35	5	2	90%						



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: 0.5×45° MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 600MM ± 2%
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: Ravg < 0.8% @ 400-950nm @ 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	12.16.24			
		CHECK					
		ENG APPR.					
		MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	TITLE: DIAMETER 76.2MM, EFL 600MM, VIS-NIR1 COATED, ACHROMAT LENS		
MATERIAL		COMMENTS					
FINISH							
DO NOT SCALE DRAWING		PROJECT NO.			SIZE A	DWG.NO. L-AC004060076Z	REV 0
					SCALE: 1:1	WEIGHT:	SHEET 1 OF 1