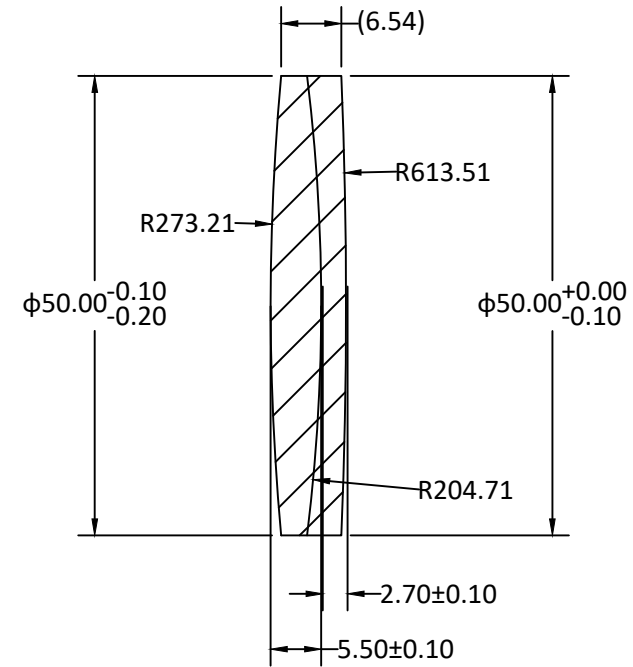
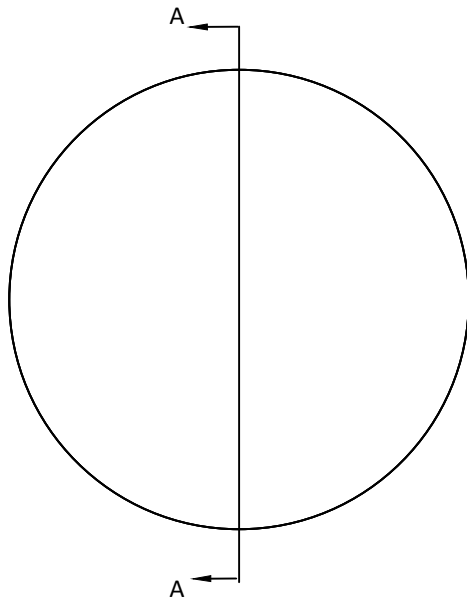


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
273.21 CX	±0.25%	5	2	90%	50.00	-0.10/-0.20	N-BK7	517-642	5.50	±0.10
204.71	±0.25%	5	2	90%	50.00	+0/-0.10	N-SF5	673-322	2.70	±0.10
613.51 CX	±0.25%	5	2	90%						



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED ± 0.10
- MATERIAL GRADE B, FA PER MIL-G-174, SCHOTT OR EQUIVALENT, RoHS COMPLIANT
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- SURFACE QUALITY : 40-20 SCRATCH-DIG
- CHAMFER EDGES: $0.5 \times 45^\circ$ MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3' MINUTES MAX
- EFL: 450MM $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: $R_{avg} < 0.8\%$ @ 400-950nm @ 0° AOI
- CEMENT USING NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:				NAME		DATE		 OPTICAL MANUFACTURER FROM CHINA					
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05		DRAWN		Sally Song		12.09.24		TITLE: DIAMETER 50MM, EFL 450MM, VIS-NIR1 COATED, ACHROMAT LENS					
		CHECK											
		ENG APPR.											
		MFG APPR.											
INTERPRET GEOMETRIC TOLERANCING PER:		QA		Ann Chen		12.18.24		SIZE DWG.NO. REV A L-AC0040450050 0					
MATERIAL		COMMENTS											
FINISH													
DO NOT SCALE DRAWING		PROJECT NO.				SCALE: 1:1		WEIGHT:		SHEET 1 OF 1			