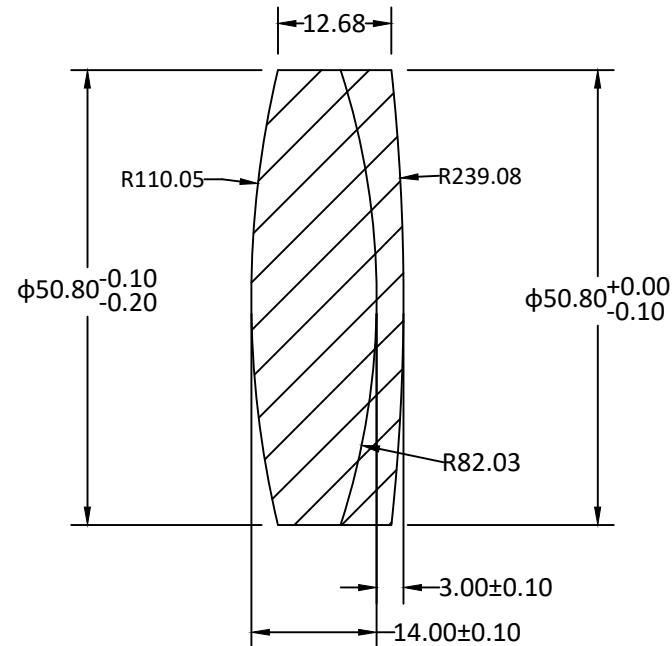
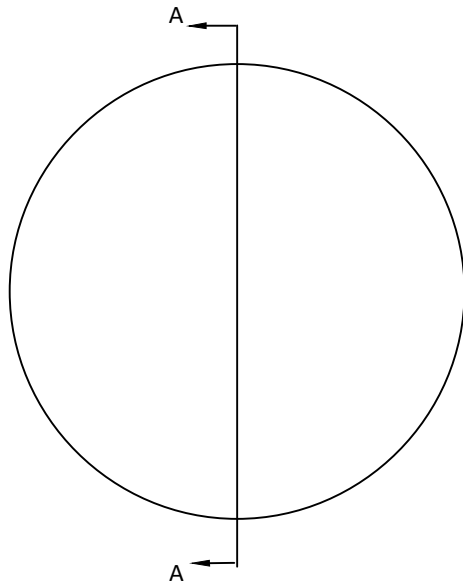


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
110.05 CX	±0.25%	3	2	90%	50.80	-0.1/-0.2	N-BK7	517-642	14.00	±0.10
82.03	±0.25%	3	2	90%	50.80	+0/-0.1	N-SF5	673-322	3.00	±0.10
239.08 CX	±0.25%	3	2	90%						



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' MINUTES MAX
9. EFL: 180MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: UNCOATED
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	12.12.24		
	CHECK				
	ENG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:	MFG APPR.			TITLE: DIAMETER 50.8MM, EFL 180MM, ACHROMAT LENS	
MATERIAL	QA	Ann Chen	12.18.24		
FINISH	COMMENTS			SIZE	DWG.NO.
DO NOT SCALE DRAWING	PROJECT NO.			A	L-AC001018050Z
				REV	0
				SCALE: 1:1	WEIGHT: SHEET 1 OF 1