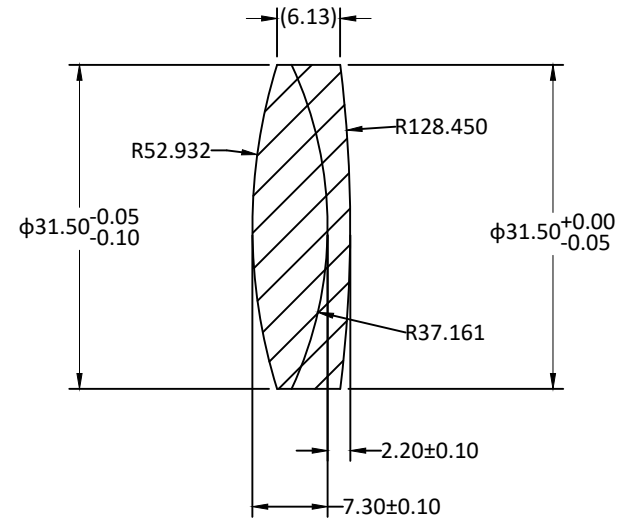
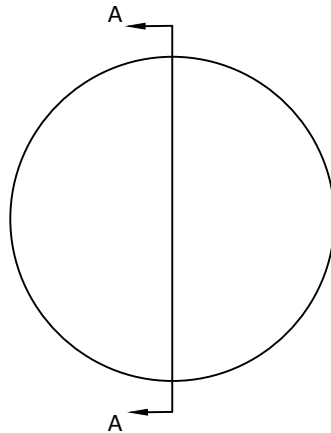


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
52.932 CX	±0.25	3	1	90%	31.50	-0.05/-0.10	N-SK11	564-608	7.30	±0.10
37.161	±0.20	3	1	90%	31.50	+0/-0.05	N-SF8	689-312	2.20	±0.10
128.450 CX	±0.60	3	1	90%						



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: 80MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: UNCOATED
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	12.10.24		
	CHECK				
	ENG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:	MFG APPR.			TITLE: DIAMETER 31.5MM, EFL 80MM, ACHROMAT LENS	
MATERIAL	QA	Ann Chen	12.18.24		
FINISH	COMMENTS			SIZE	DWG.NO.
DO NOT SCALE DRAWING	PROJECT NO.			A	L-AC001008031Y
				SCALE: 1:1	WEIGHT:
				SHEET 1 OF 1	
				REV	0