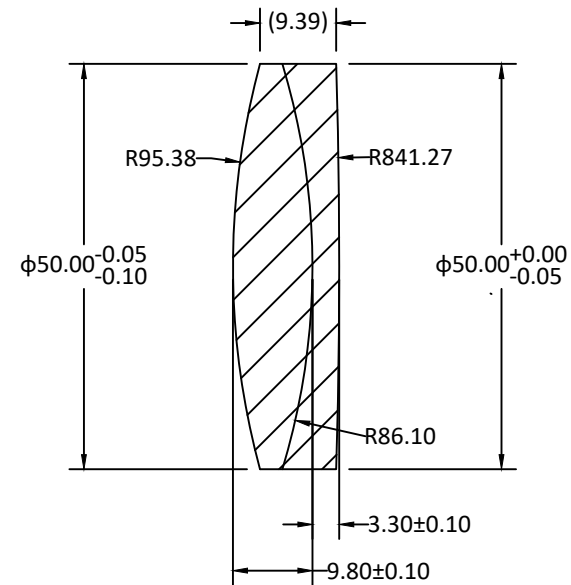
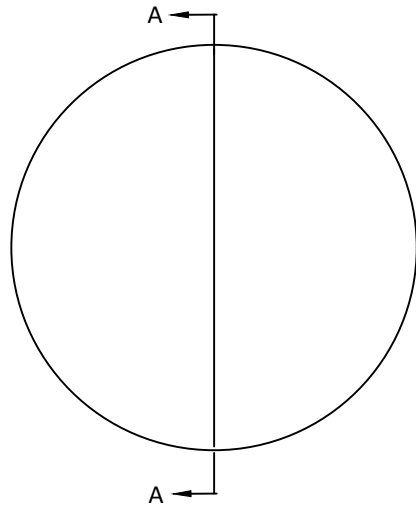



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
95.38 CX	±0.19	3	1	90%	50.00	-0.05/-0.10	N-BK7	517-642	9.80	±0.10
86.10	±0.17	3	1	90%	50.00	+0/-0.05	H-F3	617-367	3.30	±0.10
841.27 CX	±1.68	3	1	90%						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
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:  $200\text{MM} \pm 2\%$
10. DESIGN WAVELENGTH:  $587.6\text{NM}$
11. COATING: S1 & S3:  $R_{\text{avg}} < 0.8\%$  @  $400-950\text{nm}$  @  $0^\circ$  AOI
12. CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
DIMENSIONS ARE IN mm	DRAWN	Sally Song	12.10.24	
TOLERANCES:	CHECK			TITLE: DIAMETER 50MM, EFL 200MM, VIS-NIR1 COATED, ACHROMAT LENS
FRACTIONAL $\pm$	ENG APPR.			
ANGULAR: $\pm 3$ ARC MIN	MFG APPR.			
TWO PLACE DECIMAL: $\pm 0.10$	QA	Ann Chen	12.18.24	SIZE DWG.NO.
THREE PLACE DECIMAL: $\pm 0.05$	COMMENTS			<b>A</b> L-AC0040200050
INTERPRET GEOMETRIC TOLERANCING PER:				REV <b>0</b>
MATERIAL				SCALE: 1:1
FINISH				WEIGHT:
DO NOT SCALE DRAWING	PROJECT NO.			SHEET 1 OF 1