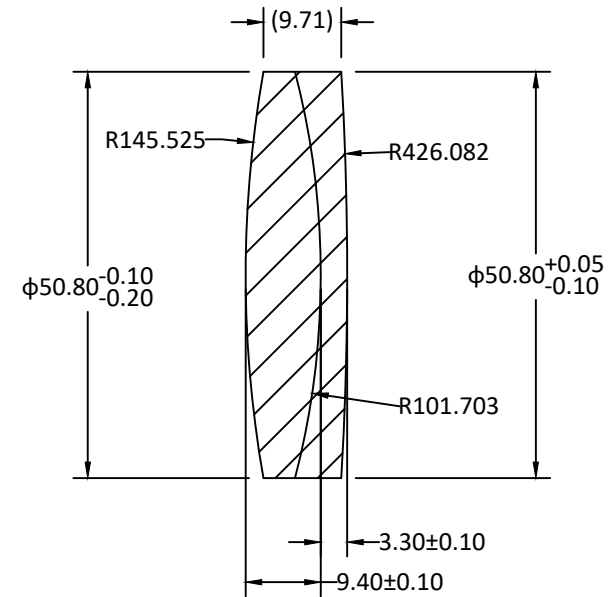
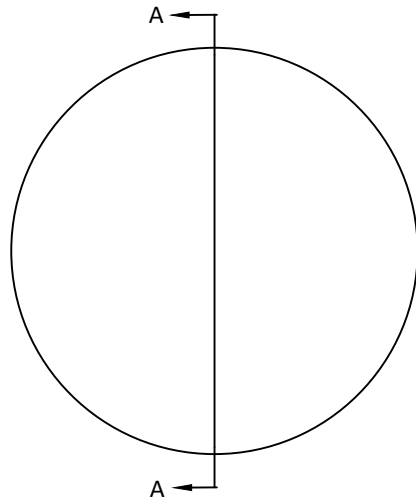


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
145.525 CX	±0.36	5	2	90%	50.80	-0.10/-0.20	N-BK7	517-642	9.40	±0.10
101.703	±0.25	5	2	90%	50.80	+0.05/-0.10	H-F3	617-367	3.30	±0.10
426.082 CX	±1.06	5	2	90%						



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: 0.5x45° MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 250MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: $R_{avg} < 0.8\%$ @ 400-950nm @ 0° AOI
12. CEMENT USUNG 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	12.10.24	TITLE: DIAMETER 50.8MM, EFL 250MM, 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-AC004025050Z 0	
MATERIAL		COMMENTS				
FINISH						
DO NOT SCALE DRAWING		PROJECT NO.			SCALE: 1:1	WEIGHT: SHEET 1 OF 1