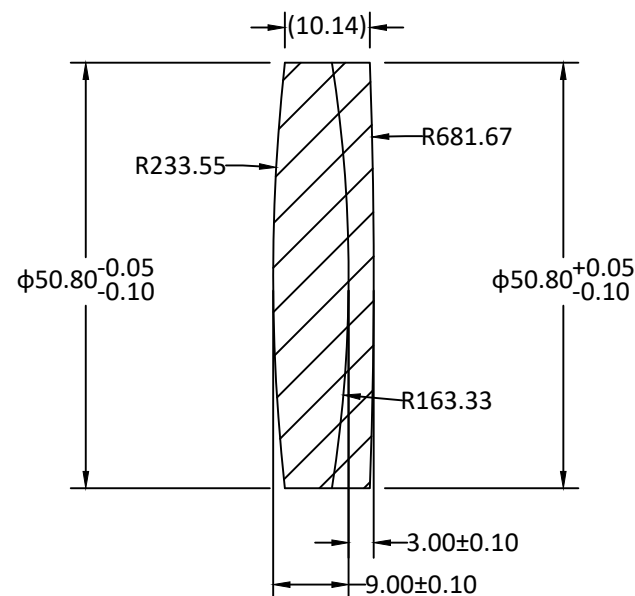
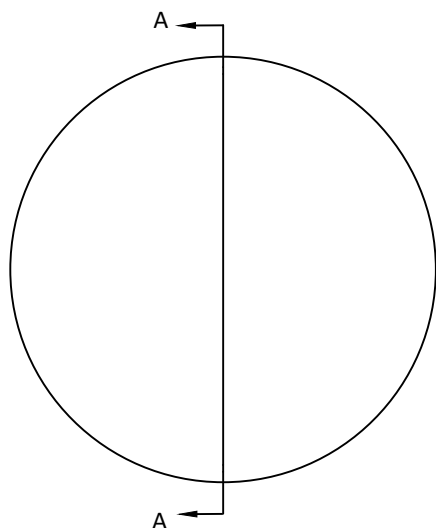


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
233.55 CX	±0.47	3	2	90%	50.80	-0.05/-0.1	N-BK7	517-642	9.00	±0.10
163.33	±0.33	3	2	90%	50.80	+0.05/-0.1	H-F3	617-367	3.00	±0.10
681.67 CX	±1.36	3	2	90%						



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: 0.5x45° MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 400MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: $R_{avg} < 0.35\%$ @ 420-680nm @ 0° AOI
12. CEMENT USING NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:				CIZ OPTICAL MANUFACTURER FROM CHINA			
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	TITLE: DIAMETER 50.8MM, EFL 400MM, VIS 0 COATED, ACHROMAT LENS			
	CHECK						
	ENG APPR.						
	MFG APPR.			SIZE DWG.NO. REV A L-AC003040050Z 0			
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.18.24				
MATERIAL	COMMENTS			SCALE: 1:1 WEIGHT: SHEET 1 OF 1			
FINISH							
DO NOT SCALE DRAWING	PROJECT NO.						