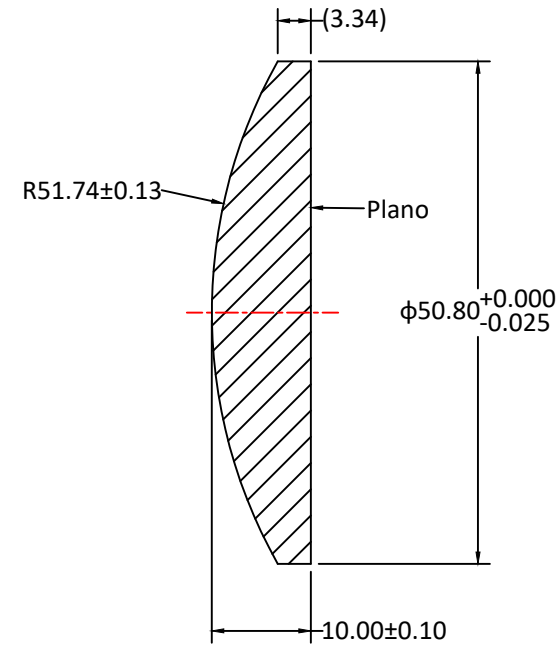
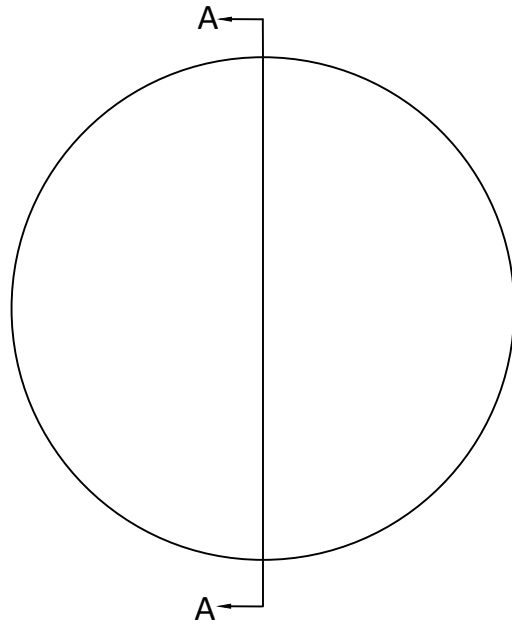



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
51.74 CX	±0.13	3	0.5	90%	50.80	+0/-0.025	H-K9L	517642	10.00	±0.10
Plano	-	3	0.5	90%						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 0.10
3. MATERIAL: OPTICAL GLASS H-K9L
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. FOCAL LENGTH(EFL): $100.00 \pm 1\%$
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: $0.5 \times 45^\circ$ MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: S1 & S2: $R_{avg} 0.5\% @ 630-1100nm @ 0^\circ AOI$

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	 <p>TITLE: DIAMETER 50.80MM, EFL 100.00MM, H-K9L, NIR 1 COATED, PLANO-CONVEX LENS</p>
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL \pm ANGULAR: ± 3 ARC MIN TWO PLACE DECIMAL: ± 0.10 THREE PLACE DECIMAL: ± 0.05	DRAWN	Eva Du	9.28.24	
	CHECK	Royan Luo	10.2.24	
	ENG APPR.			
	MFG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.18.24	
MATERIAL H-K9L	COMMENTS			SIZE
FINISH				DWG.NO.
DO NOT SCALE DRAWING	PROJECT NO.			A
				L-PX005010050Z
		SCALE:	WEIGHT:	REV 0
				SHEET 1 OF 1