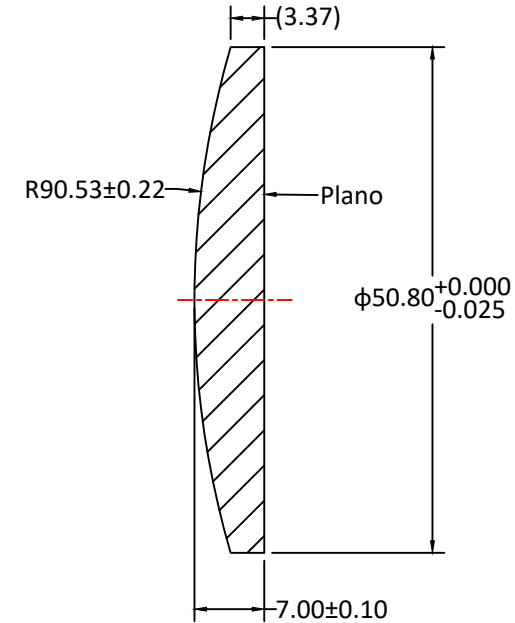
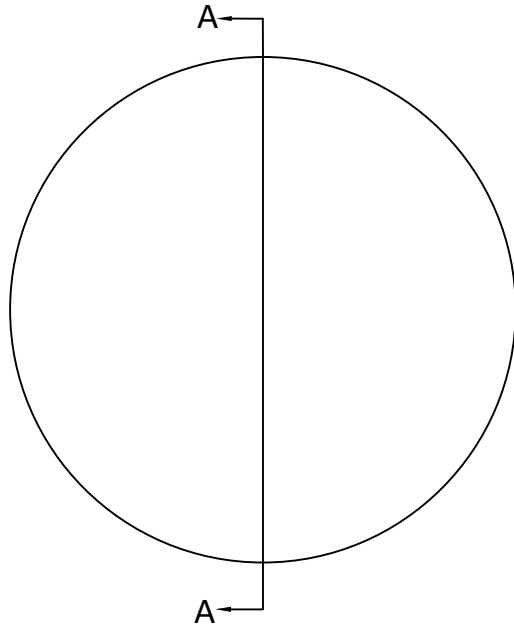


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
90.53 CX	±0.22	3	0.5	90%	50.80	+0/-0.025	H-K9L	517642	7.00	±0.10
Plano	-	3	0.5	90%						



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): $175.00 \pm 1\%$
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: $\text{Ravg} < 0.5\%$ @1050-1700nm @ 0° AOI

UNLESS OTHERWISE SPECIFIED:			NAME	DATE	 OPTICAL MANUFACTURER FROM CHINA						
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05		DRAWN	Sally Song	9.19.24	TITLE: DIAMETER 50.80MM, EFL 175.00MM, H-K9L, NIR 2 COATED, PLANO-CONVEX LENS						
		CHECK									
		ENG APPR.									
		MFG APPR.									
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	SIZE DWG.NO. REV A L-PX006017550Z 0						
MATERIAL H-K9L		COMMENTS									
FINISH											
DO NOT SCALE DRAWING		PROJECT NO.			SCALE:		WEIGHT:		SHEET 1 OF 1		