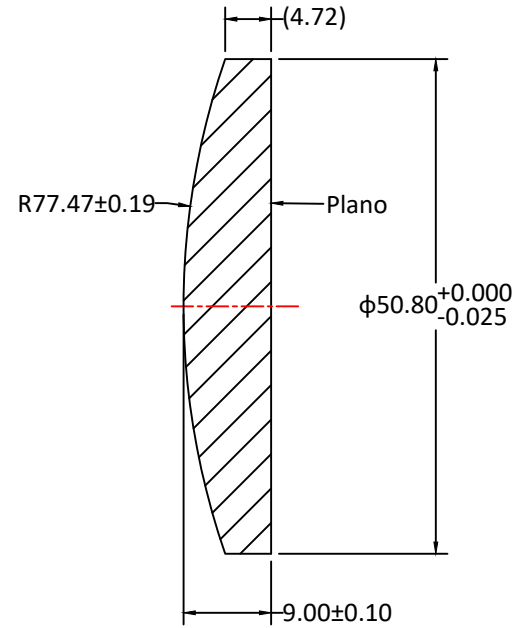
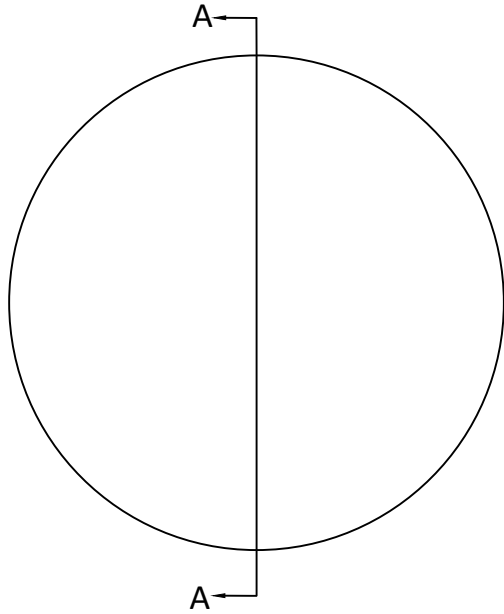



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
77.47 CX	±0.19	3	0.5	90%	50.80	+0/-0.025	H-K9L	517642	9.00	±0.10
Plano	-	3	0.5	90%						



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
- MATERIAL: OPTICAL GLASS H-K9L
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- FOCAL LENGTH(EFL):  $150.00 \pm 1\%$
- SURFACE QUALITY : 40-20 SCRATCH-DIG
- CHAMFER EDGES:  $0.5 \times 45^\circ$  MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 1.0' MINUTES MAX
- COATING: S1 & S2:  $\frac{1}{4}$  WAVE MgF2 @ 550nm R(AVG) < 1.75% FROM 400-700nm H-K9L

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
DIMENSIONS ARE IN mm	DRAWN	Sally Song	9.19.24	
TOLERANCES:	CHECK			TITLE: DIAMETER 50.80MM, EFL 150.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX 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. <b>A</b> L-PX002015050Z
THREE PLACE DECIMAL: $\pm 0.05$	COMMENTS			REV <b>0</b>
INTERPRET GEOMETRIC TOLERANCING PER:	DO NOT SCALE DRAWING		PROJECT NO.	SCALE:
MATERIAL H-K9L				WEIGHT:
FINISH				SHEET 1 OF 1