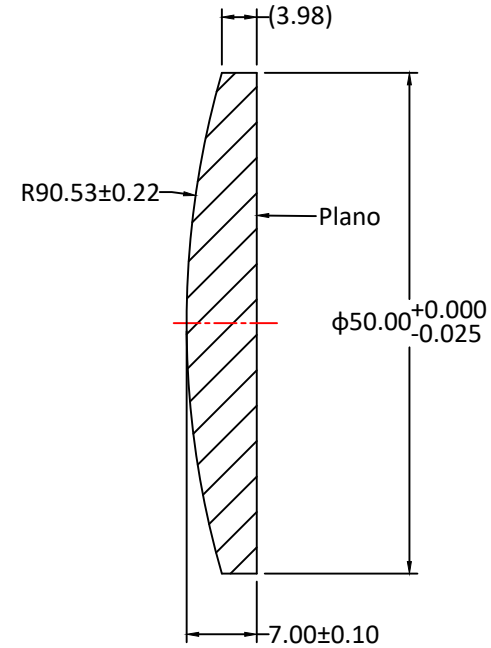
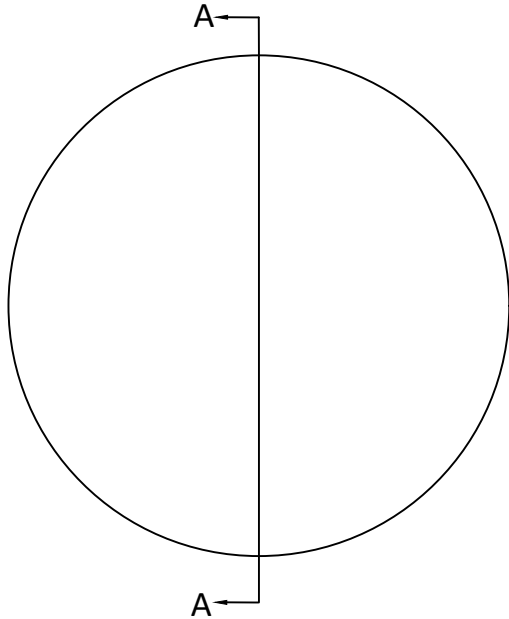


RADIUS	R TOL	POWER	IRRG	CA
90.53 CX	±0.22	3	0.5	90%
Plano	-	3	0.5	90%


DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
50.00	+0/-0.025	H-K9L	517642	7.00	±0.10



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±1%
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.5×45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: S1 & S2: Ravg<0.35% @ 420-680nm @ 0° AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE			
DIMENSIONS ARE IN mm		DRAWN	Sally Song		9.26.24	
TOLERANCES:		CHECK		TITLE: DIAMETER 50.00MM, EFL 175.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS		
FRACTIONAL ±		ENG APPR.				
ANGULAR: ±3 ARC MIN		MFG APPR.				
TWO PLACE DECIMAL: ±0.10		QA	Ann Chen		12.18.24	
THREE PLACE DECIMAL: ±0.05		COMMENTS				
INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG.NO.	REV
MATERIAL H-K9L				A	L-PX0030175050	0
FINISH						
DO NOT SCALE DRAWING		PROJECT NO.		SCALE:	WEIGHT:	SHEET 1 OF 1