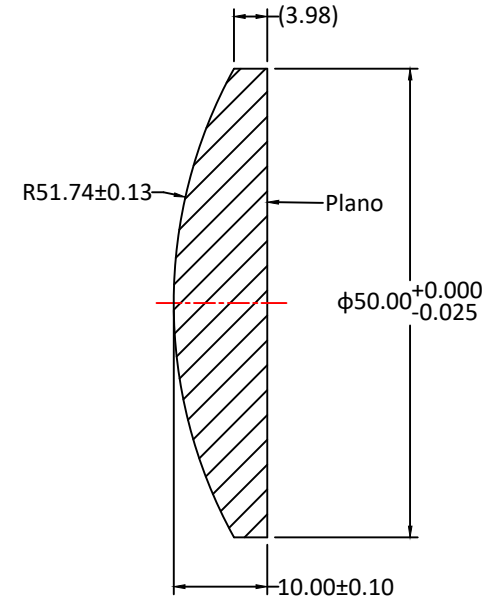
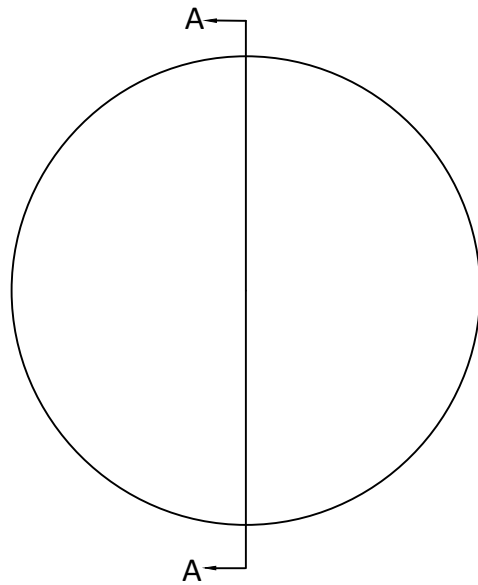



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
51.74 CX	±0.13	3	0.5	90%	50.00	+0/-0.025	H-K9L	517642	10.00	±0.10
Plano	-	3	0.5	90%						



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±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 0.8% @ 400-950nm @ 0° AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE				
DIMENSIONS ARE IN mm		DRAWN	Sally Song			10.2.24	
TOLERANCES:		CHECK			TITLE: DIAMETER 50.00MM, EFL 100.00MM, H-K9L, VIS-NIR1 COTAED, PLANO-CONVEX LENS		
FRACTIONAL ±		ENG APPR.					
ANGULAR: ±3 ARC MIN		MFG APPR.					
TWO PLACE DECIMAL: ±0.10		QA	Ann Chen	12.18.24	SIZE DWG.NO. REV <b>A</b> L-PX0040100050 <b>0</b>		
THREE PLACE DECIMAL: ±0.05		COMMENTS					
INTERPRET GEOMETRIC TOLERANCING PER:					SCALE:	WEIGHT:	SHEET 1 OF 1
MATERIAL H-K9L		PROJECT NO.					
FINISH							
DO NOT SCALE DRAWING							