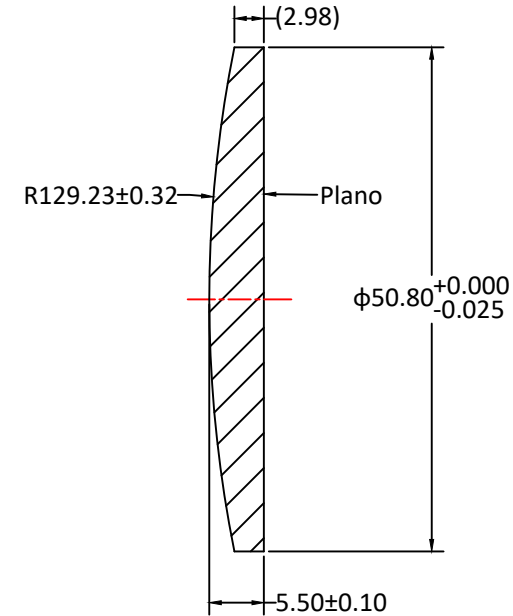
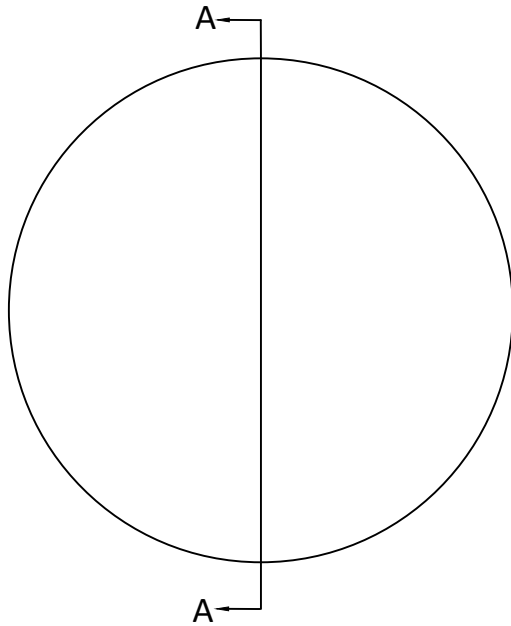



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
129.23 CX	±0.32	3	0.5	90%	50.80	+0/-0.025	H-K9L	517642	5.50	±0.10
Plano	-	3	0.5	90%						



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): 250.00 $\pm 1\%$
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: Ravg < 0.5% @ 1050-1700nm @ 0°AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE			
DIMENSIONS ARE IN mm		DRAWN	Sally Song			9.15.24
TOLERANCES:		CHECK				
FRACTIONAL \pm		ENG APPR.				
ANGULAR: ± 3 ARC MIN		MFG APPR.			TITLE: DIAMETER 50.80MM, EFL 250.00MM, H-K9L, NIR 2 COATED, PLANO-CONVEX LENS	
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-PX006025050Z	0
FINISH						
DO NOT SCALE DRAWING		PROJECT NO.		SCALE:	WEIGHT:	SHEET 1 OF 1