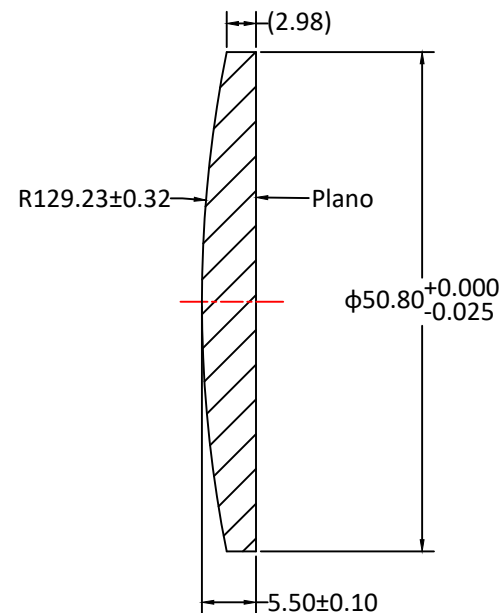
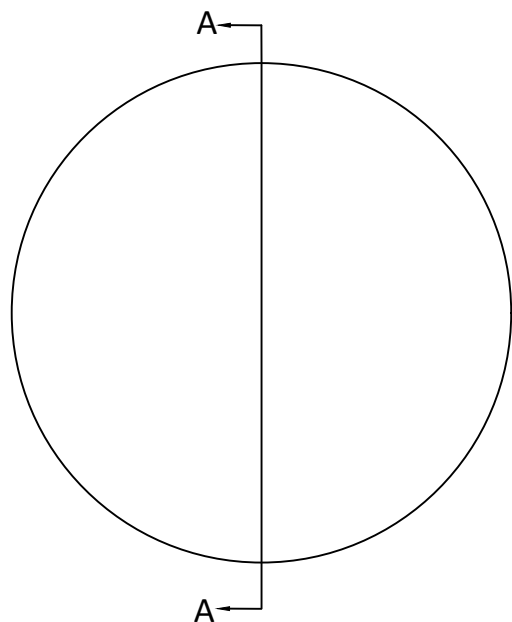


RADIUS	R TOL	POWER	IRRG	CA
129.23 CX	±0.32	3	0.5	90%
Plano	-	3	0.5	90%


DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
50.80	+0/-0.025	H-K9L	517642	5.50	±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): 250.00±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			9.15.24	
TOLERANCES:		CHECK			TITLE: DIAMETER 50.80MM, EFL 250.00MM, 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	SIZE DWG.NO. REV <b>A</b> L-PX003025050Z <b>0</b>		
THREE PLACE DECIMAL: ±0.05		COMMENTS					
INTERPRET GEOMETRIC TOLERANCING PER:					SCALE:	WEIGHT:	SHEET 1 OF 1
MATERIAL H-K9L							
FINISH							
DO NOT SCALE DRAWING		PROJECT NO.					