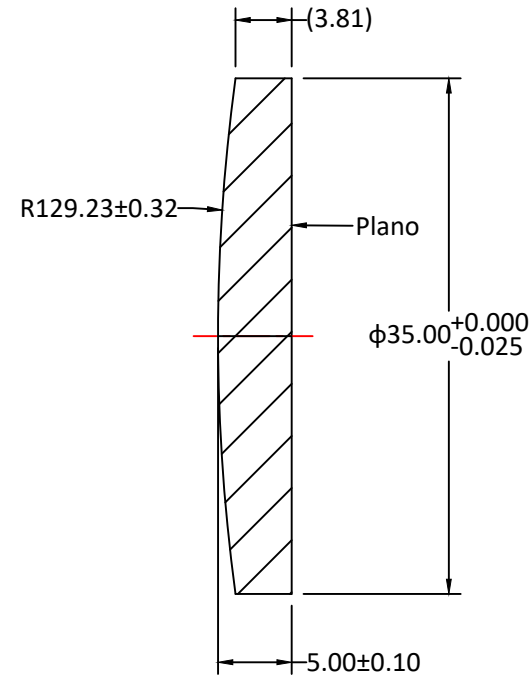
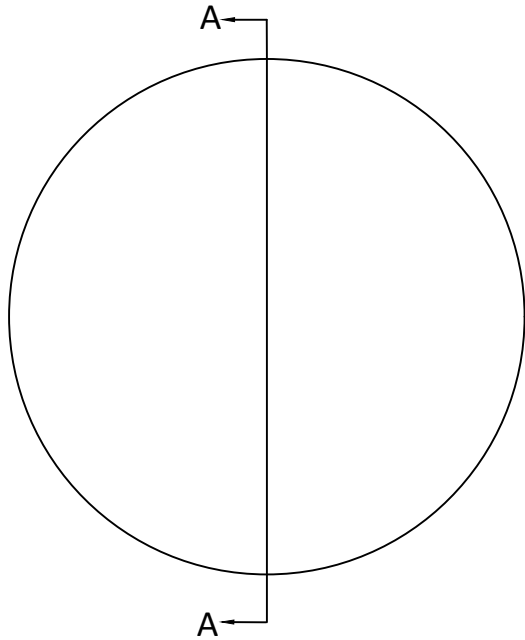



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
129.23 CX	±0.32	3	0.5	90%	35.00	+0/-0.025	H-K9L	517642	5.00	±0.10
Plano	-	3	0.5	90%						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
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:  $\frac{1}{4}$  WAVE MgF2 @ 550nm R(AVG) < 1.75% FROM 400-700nm H-K9L

UNLESS OTHERWISE SPECIFIED:		NAME	DATE			
DIMENSIONS ARE IN mm		DRAWN	Sally Song			9.12.24
TOLERANCES:		CHECK			TITLE: DIAMETER 35.00MM, EFL 250.00MM, 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. REV <b>A</b> L-PX0020250035 <b>0</b>	
THREE PLACE DECIMAL: $\pm 0.05$		COMMENTS				
INTERPRET GEOMETRIC TOLERANCING PER:		PROJECT NO.		SCALE:	WEIGHT:	SHEET 1 OF 1
MATERIAL H-K9L		DO NOT SCALE DRAWING				
FINISH						