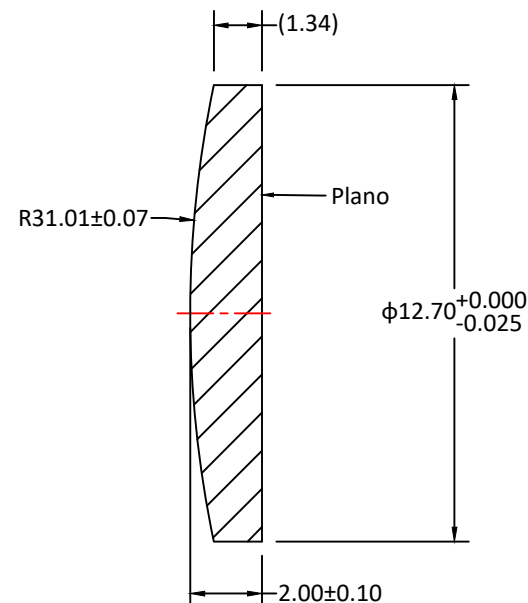
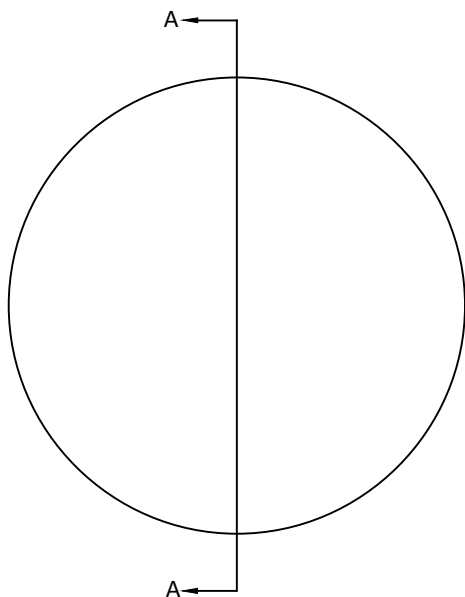


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
31.01 CX	±0.07	3	0.5	90%	12.70	+0/-0.025	H-K9L	517642	2.00	±0.10
Plano	-	3	0.5	90%						



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): $60.00 \pm 1\%$
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: $R_{avg} 0.8\%$ @ 400-950nm @ 0° AOI

UNLESS OTHERWISE SPECIFIED:						
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL $\pm$ ANGULAR: ± 3 ARC MIN TWO PLACE DECIMAL: ± 0.10 THREE PLACE DECIMAL: ± 0.05	DRAWN	Sally Song	10.8.24	 TITLE: DIAMETER 12.70MM, EFL 60.00MM, H-K9L, VIS-NIR1 COTAED, PLANO-CONVEX LENS		
	CHECK					
	ENG APPR.					
	MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.17.24			
MATERIAL H-K9L	COMMENTS			SIZE A	DWG.NO. L-PX004006012Z	REV 0
FINISH						
DO NOT SCALE DRAWING	PROJECT NO.			SCALE:	WEIGHT:	SHEET 1 OF 1