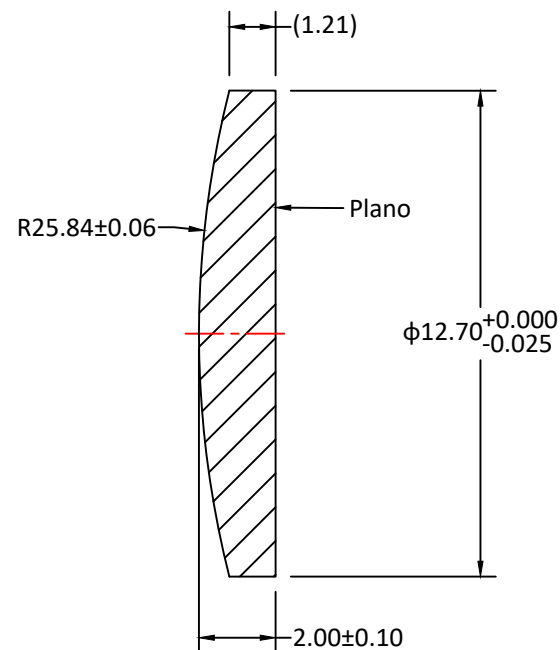
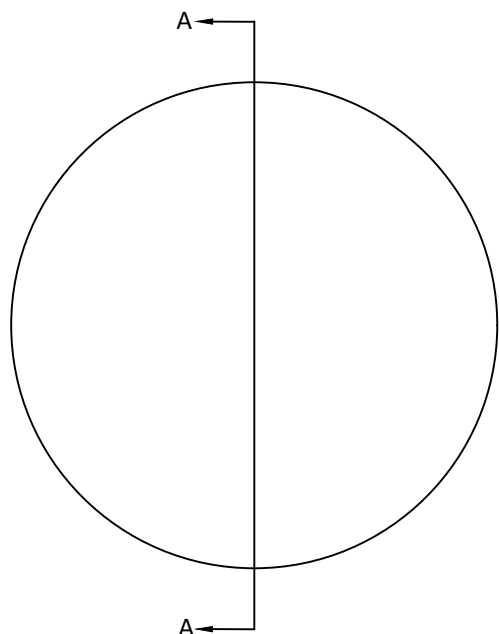


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
25.84 CX	±0.06	3	0.5	90%	12.70	+0/-0.025	H-K9L	517642	2.00	±0.10
Plano	-	3	0.5	90%						



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): $50.00 \pm 1\%$
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: $R_{avg} < 0.5\%$ @1050-1700nm @ 0° AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05	DRAWN	Sylvia Lin	10.10.24	TITLE: DIAMETER 12.70MM, EFL 50.00MM, H-K9L , NIR 2 COATED PLANO-CONVEX LENS	
	CHECK	Sally Song	10.14.24		
	ENG APPR.				
	MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.17.24	SIZE A DWG.NO. L-PX006005012Z REV 0	
MATERIAL H-K9L	COMMENTS				
FINISH					
DO NOT SCALE DRAWING	PROJECT NO.	SCALE:		WEIGHT:	SHEET 1 OF 1