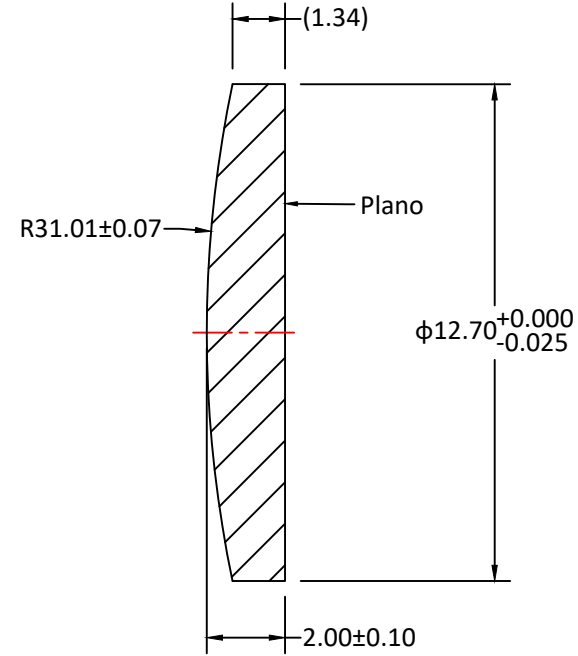
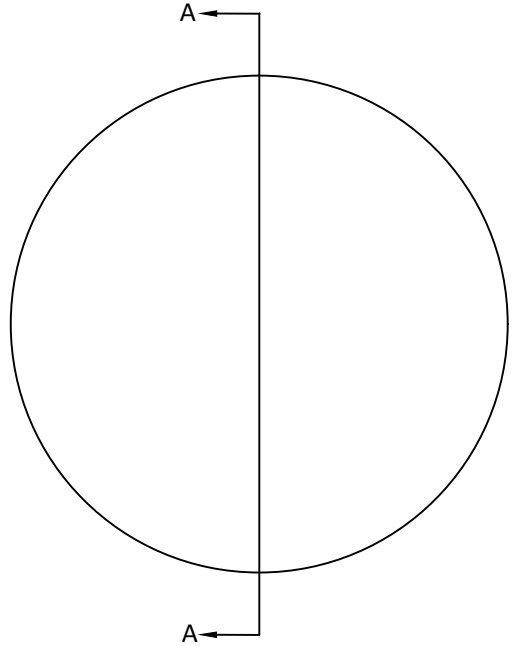



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
31.01 CX	±0.07	3	0.5	90%	12.70	+0/-0.025	H-K9L	517642	2.00	±0.10
Plano	-	3	0.5	90%						



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±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 0.5% @ 630-1100nm @ 0°AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
DIMENSIONS ARE IN mm		DRAWN	10.8.24	
TOLERANCES:		CHECK		TITLE: DIAMETER 12.70MM, EFL 60.00MM, H-K9L, NIR 1 COATED, PLANO-CONVEX LENS
FRACTIONAL ±		ENG APPR.		
ANGULAR: ±3 ARC MIN		MFG APPR.		
TWO PLACE DECIMAL: ±0.10		QA	12.17.24	SIZE A DWG.NO. L-PX005006012Z REV 0
THREE PLACE DECIMAL: ±0.05		COMMENTS		
INTERPRET GEOMETRIC TOLERANCING PER:		PROJECT NO.		SCALE:
MATERIAL H-K9L				WEIGHT:
FINISH				SHEET 1 OF 1
DO NOT SCALE DRAWING				