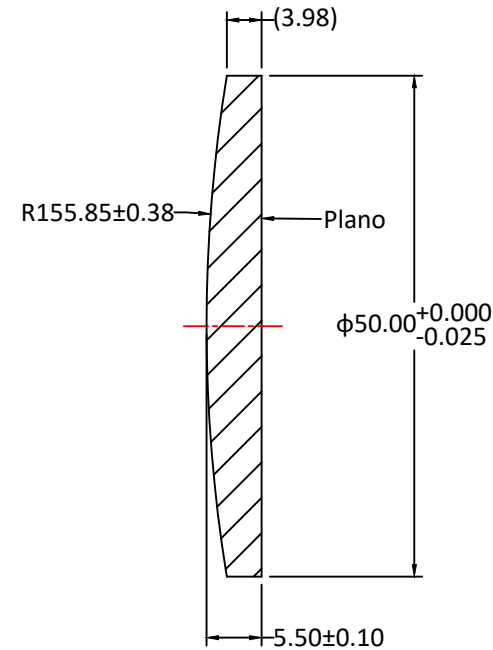
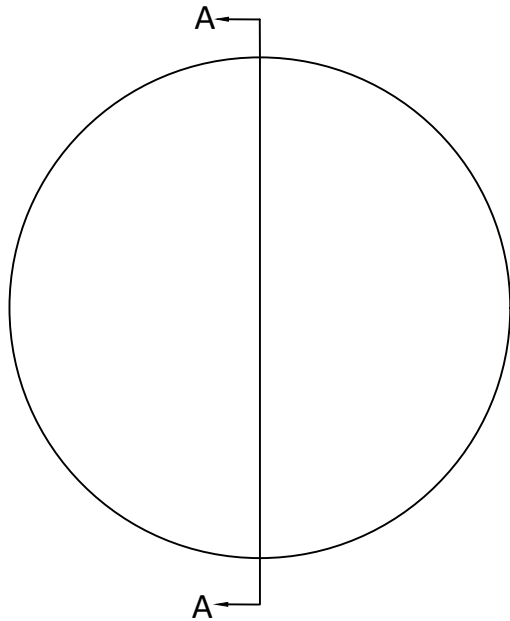



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
155.85 CX	±0.38	3	0.5	90%	50.00	+0/-0.025	H-K9L	517642	5.50	±0.10
Plano	-	3	0.5	90%						



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):  $300.00 \pm 1\%$
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 @  $0^\circ$  AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL $\pm$ ANGULAR: $\pm 3$ ARC MIN TWO PLACE DECIMAL: $\pm 0.10$ THREE PLACE DECIMAL: $\pm 0.05$		DRAWN	Sally Song	
INTERPRET GEOMETRIC TOLERANCING PER:		CHECK		
MATERIAL H-K9L		ENG APPR.		
FINISH		MFG APPR.		
DO NOT SCALE DRAWING		QA	Ann Chen	12.18.24
PROJECT NO.		COMMENTS		TITLE: DIAMETER 50.00MM, EFL 300.00MM, H-K9L, NIR 2 COATED, PLANO-CONVEX LENS
SCALE:	WEIGHT:	SIZE	DWG.NO.	REV
		<b>A</b>	L-PX0060300050	<b>0</b>
SHEET 1 OF 1				