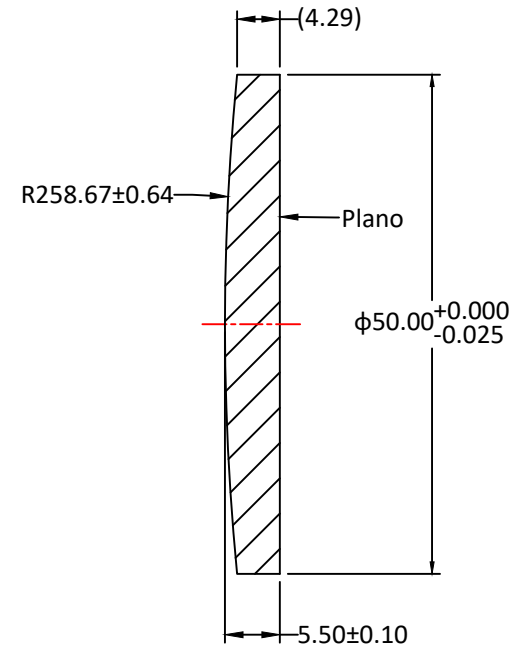
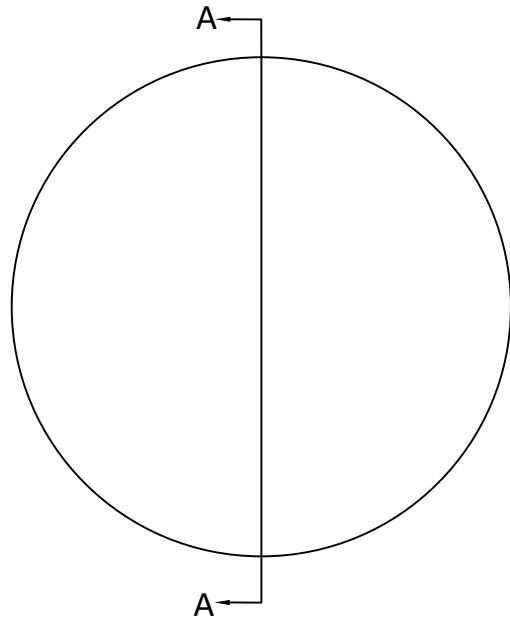


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
258.67 CX	±0.64	3	0.5	90%	50.00	+0/-0.025	H-K9L	517642	5.50	±0.10
Plano	-	3	0.5	90%						



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):  $500.00 \pm 1\%$
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	
TOLERANCES:		CHECK		
FRACTIONAL $\pm$		ENG APPR.		
ANGULAR: $\pm 3$ ARC MIN		MFG APPR.		
TWO PLACE DECIMAL: $\pm 0.10$		QA	Ann Chen	12.18.24
THREE PLACE DECIMAL: $\pm 0.05$		COMMENTS		
INTERPRET GEOMETRIC TOLERANCING PER:				TITLE: DIAMETER 50.00MM, EFL 500.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS
MATERIAL H-K9L		SIZE	DWG.NO.	
FINISH		<b>A</b>	L-PX0020500050	
DO NOT SCALE DRAWING		PROJECT NO.	SCALE:	REV <b>0</b>
			WEIGHT:	SHEET 1 OF 1