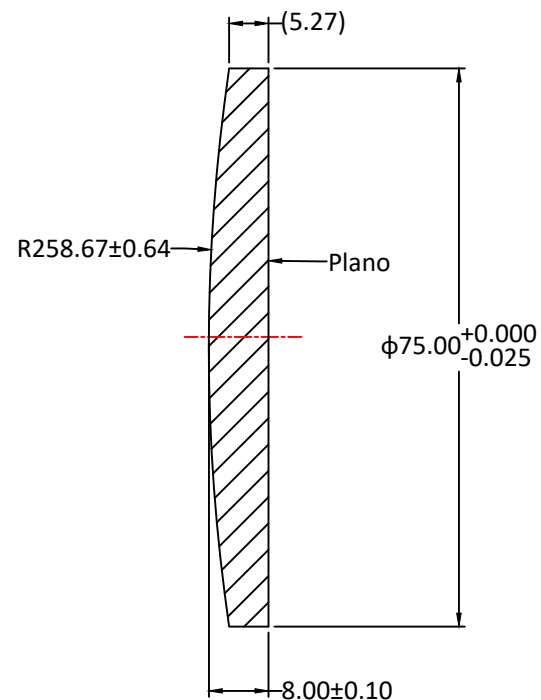
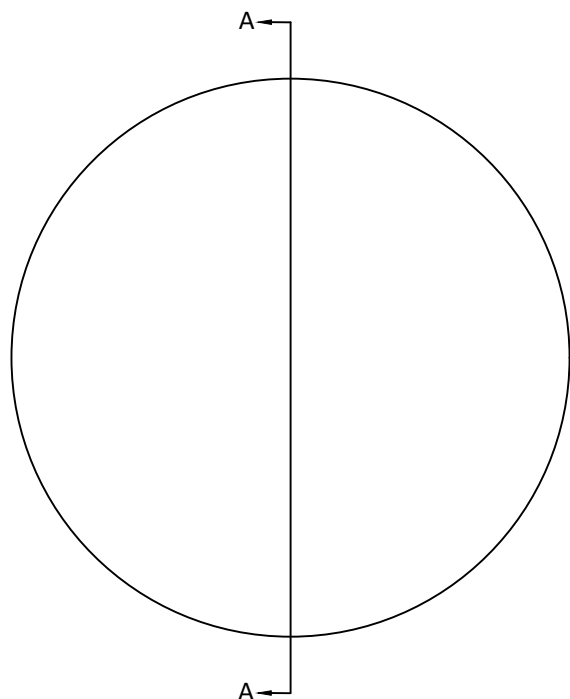



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
258.67 CX	±0.64	3	0.5	90%	75.00	+0/-0.025	H-K9L	517642	8.00	±0.10
Plano	-	3	0.5	90%						



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): $500.00 \pm 1\%$
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			9.2.24	
TOLERANCES:		CHECK			TITLE: DIAMETER 75.00MM, EFL 500.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS		
FRACTIONAL \pm		ENG APPR.					
ANGULAR: ± 3 ARC MIN		MFG APPR.					
TWO PLACE DECIMAL: ± 0.10		QA	Ann Chen	12.18.24			
THREE PLACE DECIMAL: ± 0.05		COMMENTS					
INTERPRET GEOMETRIC TOLERANCING PER:					SIZE	DWG.NO.	REV
MATERIAL H-K9L					A	L-PX0020500075	0
FINISH					SCALE:	WEIGHT:	SHEET 1 OF 1
DO NOT SCALE DRAWING		PROJECT NO.					