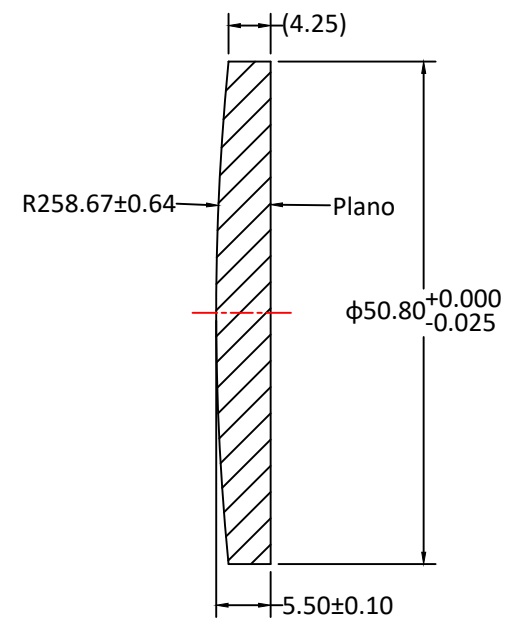
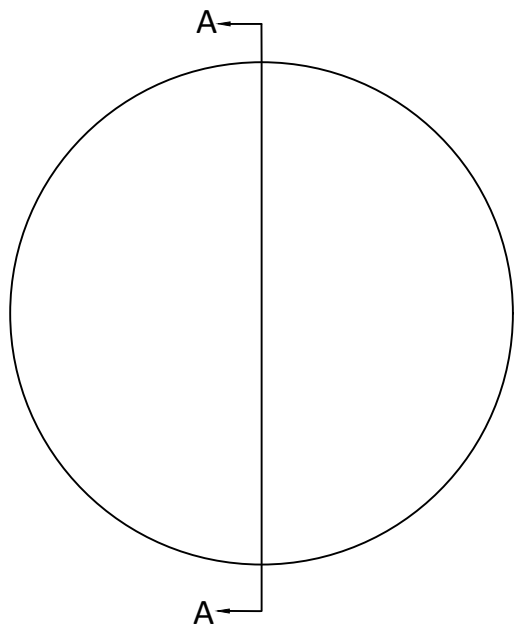


RADIUS	R TOL	POWER	IRRG	CA
258.67 CX	±0.64	3	0.5	90%
Plano	-	3	0.5	90%


DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
50.80	+0/-0.025	H-K9L	517642	5.50	±0.10



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±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% @1050-1700nm @ 0°AOI

UNLESS OTHERWISE SPECIFIED:		NAME	DATE				
DIMENSIONS ARE IN mm		DRAWN	Sally Song			9.8.24	
TOLERANCES:		CHECK			TITLE: DIAMETER 50.80MM, EFL 500.00MM, H-K9L, NIR 2 COATED, PLANO-CONVEX LENS		
FRACTIONAL ±		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			SIZE	DWG.NO.	REV
INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>		L-PX006050050Z	<b>0</b>
MATERIAL H-K9L				SCALE:		WEIGHT:	SHEET 1 OF 1
FINISH				PROJECT NO.			
DO NOT SCALE DRAWING							