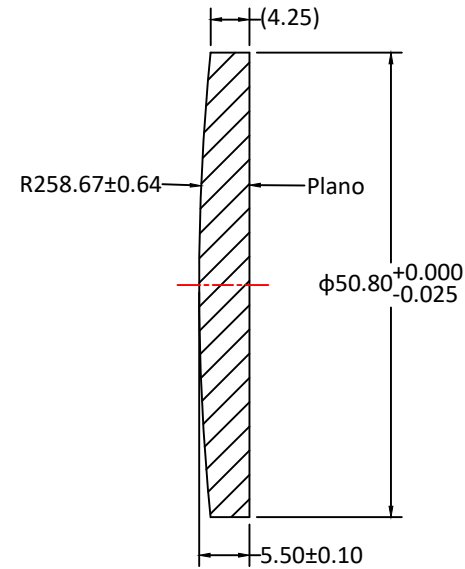
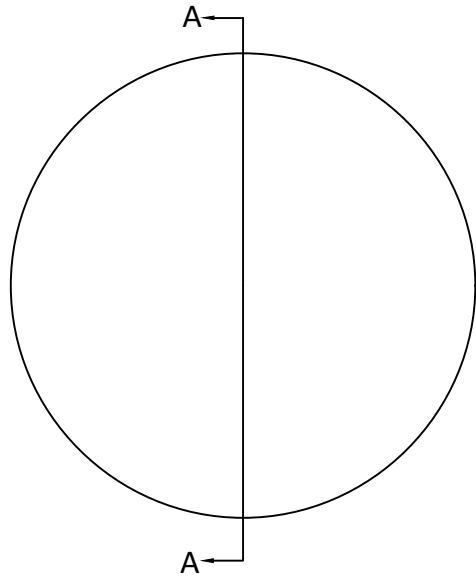



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
258.67 CX	±0.64	3	0.5	90%	50.80	+0/-0.025	H-K9L	517642	5.50	±0.10
Plano	-	3	0.5	90%						



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°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: S1 & S2: Ravg 0.8% @ 400-950nm @ 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, VIS-NIR1 COTAED, PLANO-CONVEX LENS
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			SIZE DWG.NO. <b>A</b> L-PX004050050Z
INTERPRET GEOMETRIC TOLERANCING PER:				REV <b>0</b>
MATERIAL H-K9L				
FINISH				
DO NOT SCALE DRAWING	PROJECT NO.			SCALE:      WEIGHT:      SHEET 1 OF 1