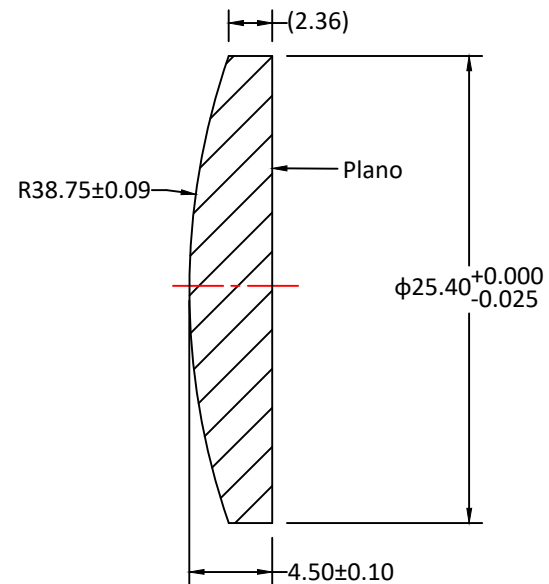
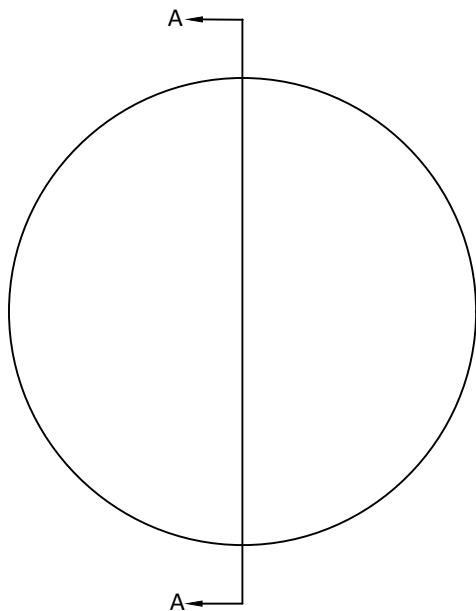


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
38.75 CX	±0.09	3	0.5	90%	25.40	+0/-0.025	H-K9L	517642	4.50	±0.10
Plano	-	3	0.5	90%						



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): 75.00 $\pm 1\%$
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	Sylvia Lin	9.28.24				
TOLERANCES:		CHECK	Sally Song	10.4.24				
FRACTIONAL ±		ENG APPR.						
ANGULAR: ±3 ARC MIN		MFG APPR.						
TWO PLACE DECIMAL: ±0.10					TITLE: DIAMETER 25.40MM, EFL 75.00MM, H-K9L, VIS-NIR1 COTAED, PLANO-CONVEX LENS			
THREE PLACE DECIMAL: ±0.05								
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24				
MATERIAL H-K9L		COMMENTS			SIZE	DWG.NO.		REV
FINISH					A	L-PX004007525Z		0
DO NOT SCALE DRAWING		PROJECT NO.			SCALE:	WEIGHT:	SHEET 1 OF 1	

TITLE:
DIAMETER 25.40MM, EFL 75.00MM, H-K9L, VIS-NIR1
COTAED, PLANO-CONVEX LENS