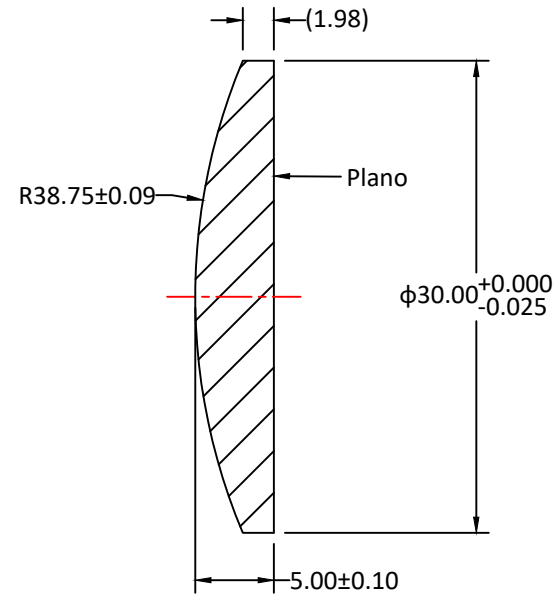
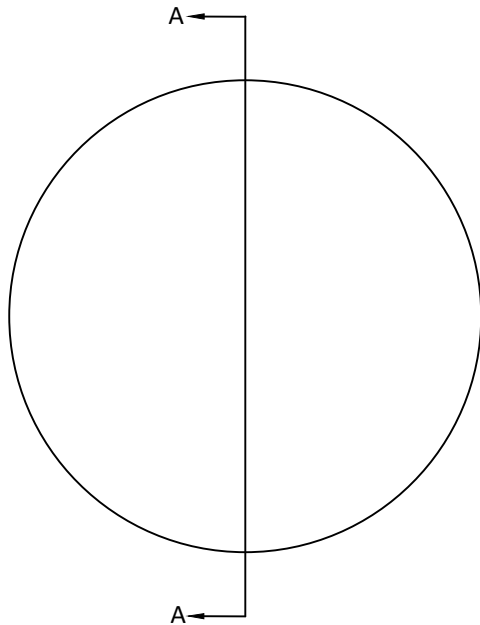


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
38.75 CX	±0.09	3	0.5	90%	30.00	+0/-0.025	H-K9L	517642	5.00	±0.10
Plano	-	3	0.5	90%						



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED ± 0.10
- MATERIAL: OPTICAL GLASS H-K9L
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- FOCAL LENGTH(EFL): 75.00 $\pm 1\%$
- SURFACE QUALITY : 40-20 SCRATCH-DIG
- CHAMFER EDGES: 0.5 $\times$ 45°MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 1.0' MINUTES MAX
- COATING:S1 & S2: ¼ WAVE MgF2 @ 550nm R(AVG) < 1.75% FROM 400-700nm H-K9L

UNLESS OTHERWISE SPECIFIED:			NAME	DATE		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05	DRAWN	Sylvia Lin	10.2.24	TITLE: DIAMETER 30.00 MM, EFL 75.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS		
	CHECK	Sally Song	10.8.24			
	ENG APPR.					
	MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:	QA			SIZE DWG.NO. REV A L-PX0020075030 0		
MATERIAL H-K9L	COMMENTS					
FINISH						
DO NOT SCALE DRAWING	PROJECT NO.			SCALE:	WEIGHT:	SHEET 1 OF 1