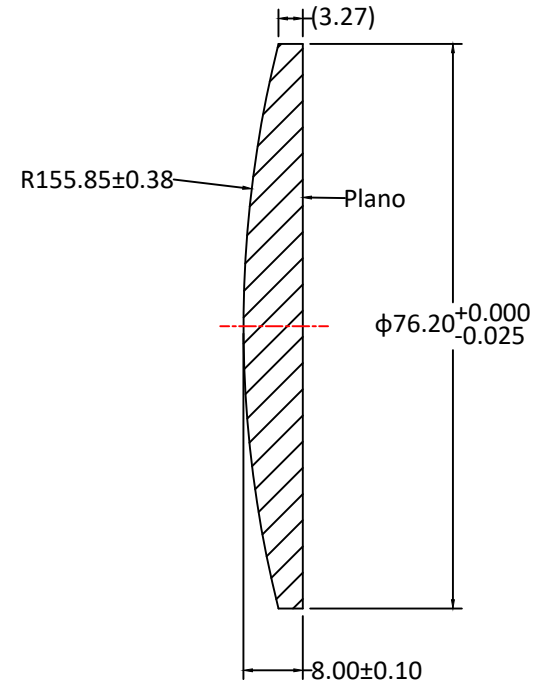
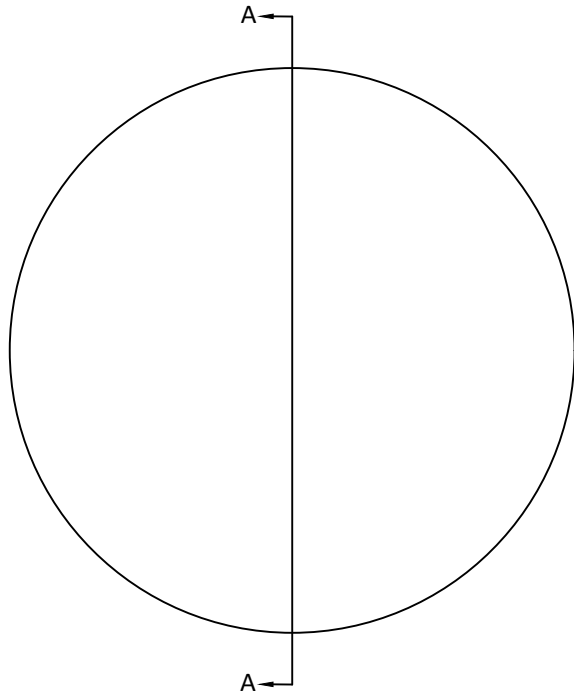



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
155.85 CX	±0.38	3	0.5	90%	76.20	+0/-0.025	H-K9L	517642	8.00	±0.10
Plano	-	3	0.5	90%						



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): 300.00±1%
- SURFACE QUALITY : 40-20 SCRATCH-DIG
- CHAMFER EDGES: 0.5×45°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	 <p>TITLE: DIAMETER 76.20MM, EFL 300.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS</p>
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05	DRAWN	Sally Song	9.12.24	
	CHECK			
	ENG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER:	MFG APPR.			
MATERIAL H-K9L	QA	Ann Chen	12.18.24	SIZE DWG.NO. A L-PX002030076Z
FINISH	COMMENTS		REV 0	
DO NOT SCALE DRAWING	PROJECT NO.	SCALE:	WEIGHT:	SHEET 1 OF 1