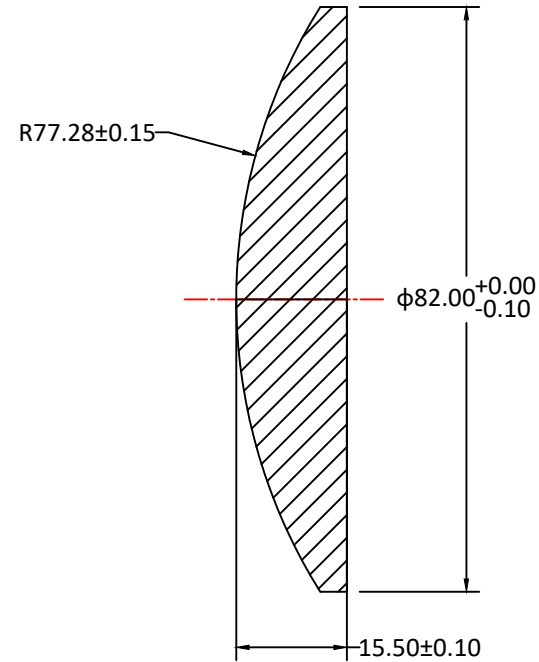
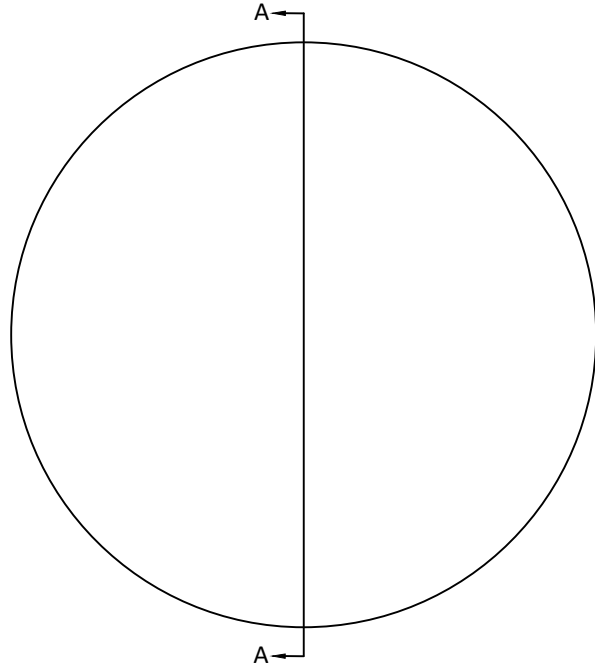



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
77.28 CX	±0.15	3	1	90%	82.00	+0/-0.10	H-K9L	517642	15.50	±0.10
Plano	-	3	1	90%						



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
- MATERIAL: GRADE B, FA PER MIL-G-174, CDGM OR EQUIVALENT, ROHS COMPLIANT
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- FOCAL LENGTH(EFL):  $150.00 \pm 1\%$
- SURFACE QUALITY : 40-20 SCRATCH/DIG
- CHAMFER EDGES:  $0.25 \times 45^\circ$  MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 1.0' MINUTES MAX
- COATING: S1 & S2:  $\frac{1}{4}$  WAVE MgF2 @ 550nm R(AVG) < 1.75% FROM 400-700nm H-K9L

UNLESS OTHERWISE SPECIFIED:		NAME	DATE				
DIMENSIONS ARE IN mm		DRAWN	Sally Song			7.10.24	
TOLERANCES:		CHECK			TITLE: DIAMETER 82.00 MM, EFL 150.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS		
FRACTIONAL $\pm$		ENG APPR.					
ANGULAR: $\pm 3$ ARC MIN		MFG APPR.					
TWO PLACE DECIMAL: $\pm 0.10$		QA	Ann Chen	12.17.24			
THREE PLACE DECIMAL: $\pm 0.05$		COMMENTS					
INTERPRET GEOMETRIC TOLERANCING PER:					SIZE	DWG.NO.	REV
MATERIAL H-K9L					<b>A</b>	L-PX0020150082	<b>0</b>
FINISH							
DO NOT SCALE DRAWING		PROJECT NO.		SCALE:	WEIGHT:	SHEET 1 OF 1	