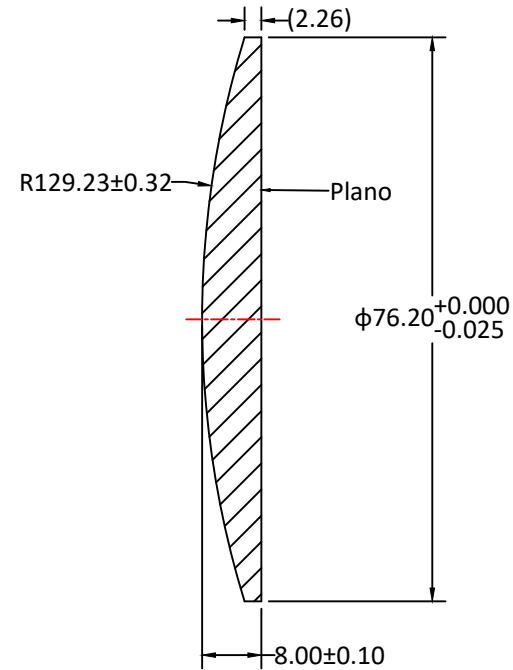
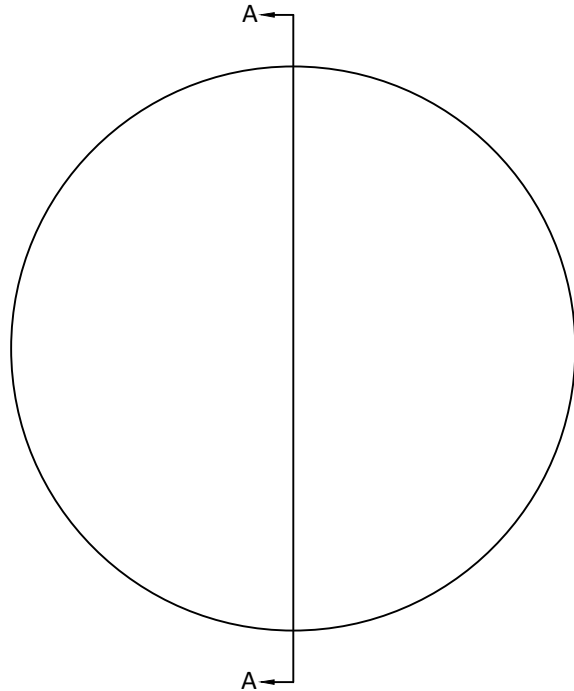


| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL   | MATERIAL | INDEX  | CT   | CT TOL |
|-----------|-------|-------|------|-----|-------|-----------|----------|--------|------|--------|
| 129.23 CX | ±0.32 | 3     | 0.5  | 90% | 76.20 | +0/-0.025 | H-K9L    | 517642 | 8.00 | ±0.10  |
| Plano     | -     | 3     | 0.5  | 90% |       |           |          |        |      |        |



SECTION A-A

Notes:

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): 250.00±1%
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.5×45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: S1 & S2: Ravg<0.35% @ 420-680nm @ 0° AOI

| UNLESS OTHERWISE SPECIFIED:  |             | NAME       | DATE     | CIZ OPTICAL<br>MANUFACTURER FROM CHINA  |                |
|--|-------------|------------|----------|---|----------------|
| DIMENSIONS ARE IN mm<br>TOLERANCES:<br>FRACTIONAL ±<br>ANGULAR: ±3 ARC MIN<br>TWO PLACE DECIMAL: ±0.10<br>THREE PLACE DECIMAL: ±0.05 | DRAWN       | Sally Song | 9.15.24  | TITLE:<br>DIAMETER 76.20MM, EFL 250MM, H-K9L, MgF2 COATED,<br>PLANO-CONVEX LENS |                |
|  | CHECK       |            |          |   |                |
|  | ENG APPR.   |            |          |   |                |
|  | MFG APPR.   |            |          |   |                |
| INTERPRET GEOMETRIC TOLERANCING PER:   | QA          | Ann Chen   | 10.18.24 | SIZE  | DWG.NO.        |
| MATERIAL H-K9L   | COMMENTS    |            |          | <b>A</b>  | L-PX003025076Z |
| FINISH   |             |            |          | REV   | <b>0</b>       |
| DO NOT SCALE DRAWING   | PROJECT NO. |            |          | SCALE:  | WEIGHT:        |
|  |             |            |          |   | SHEET 1 OF 1   |