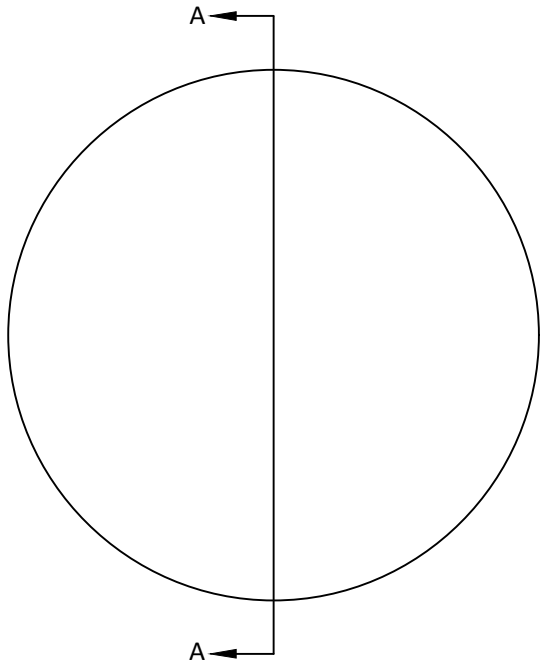
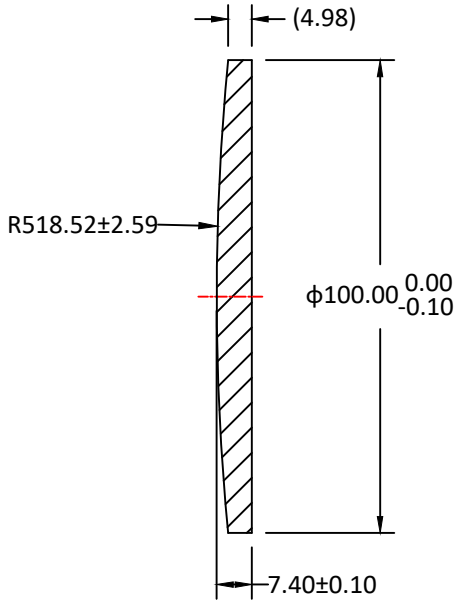
| RADIUS | R TOL | POWER | IRRG | CA |
|---|---|---|---|---|
| 518.52 CX | ±2.59 | - | 2.0 | 95% |
| Plano | - | 10 | 2.0 | 95% |

| DIA | DIA TOL | MATERIAL | INDEX | CT | CT TOL |
|---|---|---|---|---|---|
| 100.00 | +0/-0.10 | H-K9L | 517642 | 7.40 | ±0.10 |




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): 1000.00±1%
7. SURFACE QUALITY : 60-40 SCRATCH-DIG
8. CHAMFER EDGES: 0.5×45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 3.0' MINUTES MAX
10. COATING: UNCOATED

| | | NAME | DATE |
|---|---|---|---|
| UNLESS OTHERWISE SPECIFIED: | DRAWN | Sally Song | 6.26.25 |
| 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 | CHECK | | |
| | ENG APPR. | | |
| | MFG APPR. | | |
| INTERPRET GEOMETRIC TOLERANCING PER: | QA | | |
| MATERIAL<br>H-K9L | COMMENTS | | |
| FINISH | | | |

CIZ OPTICAL MANUFACTURER FROM CHINA

TITLE:
DIAMETER 100.00MM, EFL 1000.00MM, H-K9L PLANO CONVEX LENSES

| SIZE | DWG.NO. | REV |
|---|---|---|
| A | L-PX10009 | 0 |

| DO NOT SCALE DRAWING | PROJECT NO. | SCALE: | WEIGHT: | SHEET 1 OF 1 |
|---|---|---|---|---|