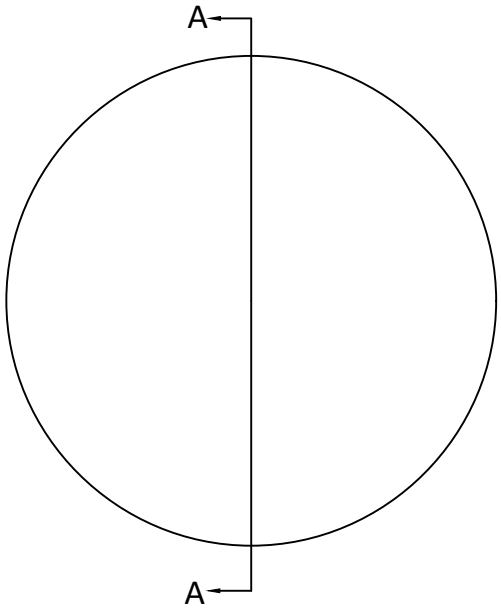
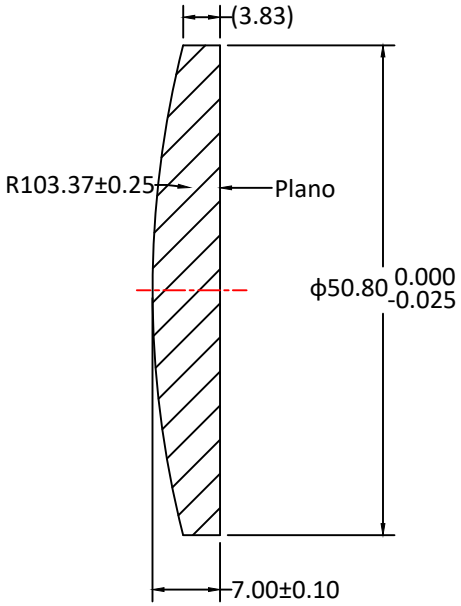
| RADIUS | R TOL | POWER | IRRG | CA |
|---|---|---|---|---|
| 103.37 CX | ±0.25 | 3 | 0.5 | 90% |
| Plano | - | 3 | 0.5 | 90% |

| DIA | DIA TOL | MATERIAL | INDEX | CT | CT TOL |
|---|---|---|---|---|---|
| 50.80 | +0/-0.025 | H-K9L | 517642 | 7.00 | ±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): 200.00±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: UNCOATED

| | | NAME | DATE |
|---|---|---|---|
| UNLESS OTHERWISE SPECIFIED: | DRAWN | Sally Song | 9.18.24 |
| 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 | | | |
| DO NOT SCALE DRAWING | PROJECT NO. | | |

CIZ OPTICAL
MANUFACTURER FROM CHINA

TITLE:
DIAMETER 50.80MM, EFL 200.00MM, H-K9L PLANO CONVEX LENSES

| SIZE | DWG.NO. | REV |
|---|---|---|
| A | L-PX05005 | 0 |

| SCALE: | WEIGHT: | SHEET 1 OF 1 |
|---|---|---|