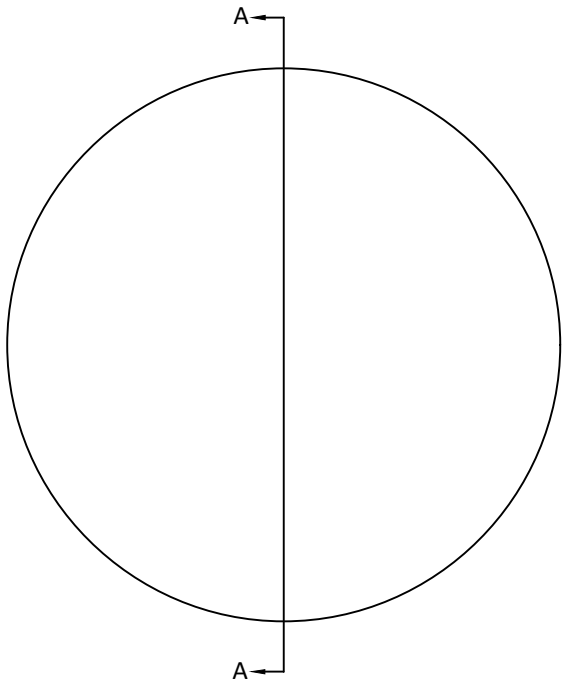
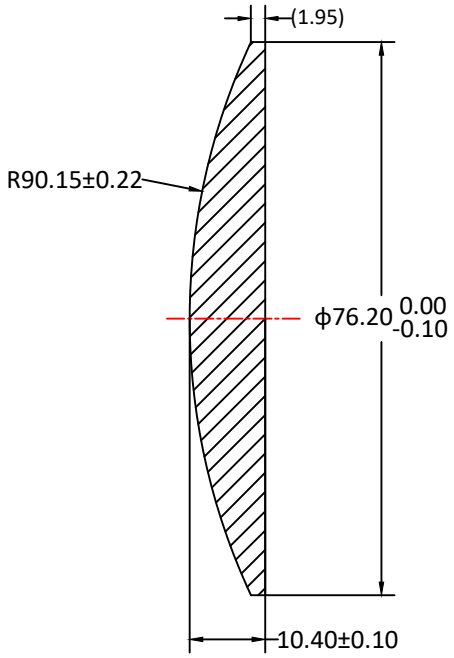
| RADIUS | R TOL | POWER | IRRG | CA |
|---|---|---|---|---|
| 90.15 CX | ±0.22 | 3 | 1 | 90% |
| Plano | - | 3 | 1 | 90% |

| DIA | DIA TOL | MATERIAL | INDEX | CT | CT TOL |
|---|---|---|---|---|---|
| 76.20 | +0/-0.10 | H-K9L | 517642 | 10.40 | ±0.10 |




SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 0.10
3. MATERIAL: GRADE B, FA PER MIL-G-174, CDGM OR EQUIVALENT, ROHS COMPLIANT
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. FOCAL LENGTH(EFL): 175.00±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 | 7.16.24 |
| 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. | | |

CLZ OPTICAL MANUFACTURER FROM CHINA

TITLE:
DIAMETER 76.20MM, EFL 175.00MM, H-K9L PLANO CONVEX LENSES

| SIZE | DWG.NO. | REV |
|---|---|---|
| A | L-PX07605 | 0 |

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