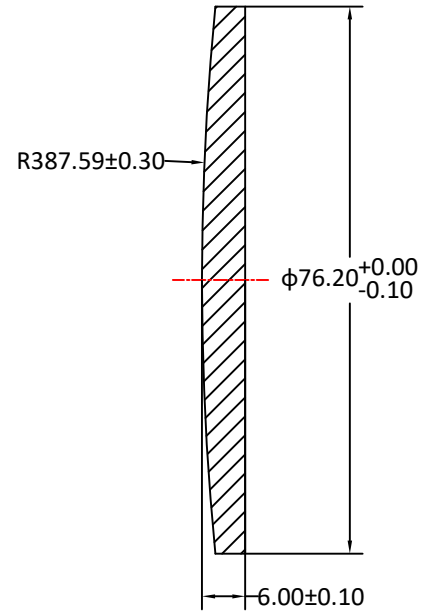
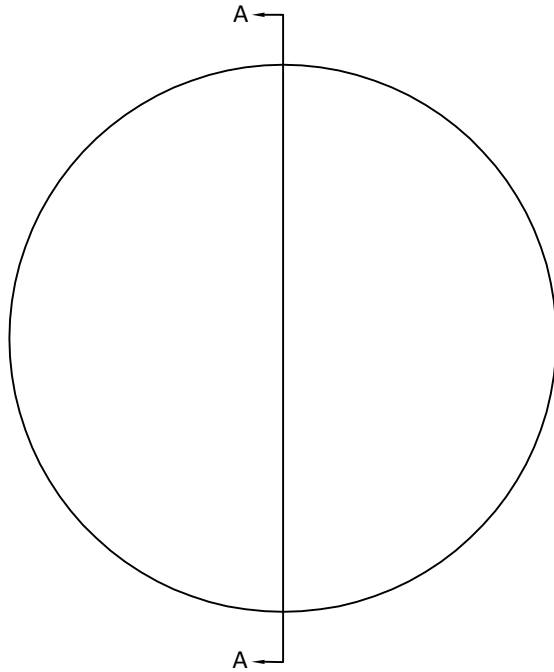



| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL  | MATERIAL | INDEX  | CT   | CT TOL |
|-----------|-------|-------|------|-----|-------|----------|----------|--------|------|--------|
| 387.59 CX | ±0.30 | 3     | 1    | 90% | 76.20 | +0/-0.10 | H-K9L    | 517642 | 6.00 | ±0.10  |
| Plano     | -     | 3     | 1    | 90% |       |          |          |        |      |        |



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
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):  $750.00 \pm 1\%$
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES:  $0.5 \times 45^\circ$  MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: UNCOATED

|                                      |             |           |  |   |
|--------------------------------------|-------------|-----------|--|---|
| UNLESS OTHERWISE SPECIFIED:          |             | NAME      | DATE   |  |
| DIMENSIONS ARE IN mm                 |             | DRAWN     | Eva Du   |   |
| TOLERANCES:                          |             | CHECK     | Royan Luo  | 7.28.24   |
| FRACTIONAL $\pm$                     |             | ENG APPR. |  |   |
| ANGULAR: $\pm 3$ ARC MIN             |             | MFG APPR. |  |   |
| TWO PLACE DECIMAL: $\pm 0.10$        |             | QA        |  |   |
| THREE PLACE DECIMAL: $\pm 0.05$      |             | COMMENTS  | TITLE: DIAMETER 76.20MM, EFL 750.00MM, H-K9L PLANO CONVEX LENSES |   |
| INTERPRET GEOMETRIC TOLERANCING PER: |             |           | SIZE   | DWG.NO.   |
| MATERIAL H-K9L                       |             |           | <b>A</b>   | L-PLCX-750_76   |
| FINISH                               |             |           |  | REV <b>0</b>  |
| DO NOT SCALE DRAWING                 | PROJECT NO. | SCALE:    | WEIGHT:  | SHEET 1 OF 1  |