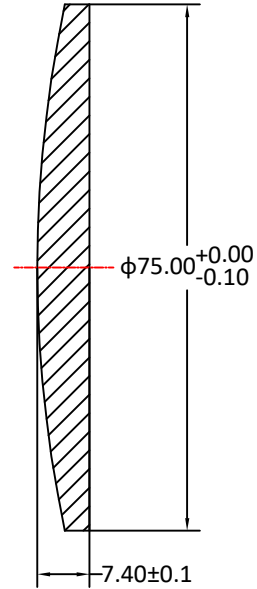
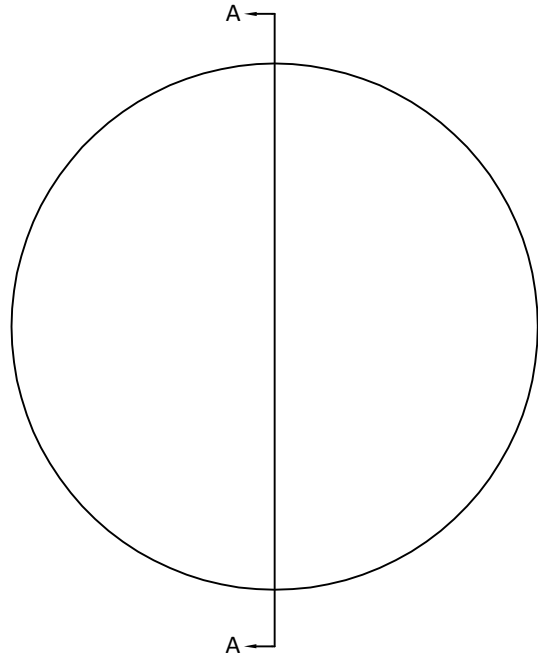



| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL  | MATERIAL | INDEX  | CT   | CT TOL |
|-----------|-------|-------|------|-----|-------|----------|----------|--------|------|--------|
| 181.38 CX | ±0.90 | 3     | 1    | 90% | 75.00 | +0/-0.10 | H-K9L    | 517642 | 7.40 | ±0.10  |
| Plano     | -     | 3     | 1    | 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): 350.00±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

|                                      |  |           |           |   |  |               |              |
|--------------------------------------|--|-----------|-----------|---|--|---------------|--------------|
| UNLESS OTHERWISE SPECIFIED:          |  | NAME      | DATE      |  |  |               |              |
| DIMENSIONS ARE IN mm                 |  | DRAWN     | Eva Du    |   |  |               | 7.16.24      |
| TOLERANCES:                          |  | CHECK     | Royan Luo | 7.22.24   | TITLE:<br>DIAMETER 75MM, EFL 350.00MM, H-K9L PLANO CONVEX LENSES |               |              |
| FRACTIONAL ±                         |  | ENG APPR. |           |   |  |               |              |
| ANGULAR: ±3 ARC MIN                  |  | MFG APPR. |           |   |  |               |              |
| TWO PLACE DECIMAL: ±0.10             |  | QA        |           |   |  |               |              |
| THREE PLACE DECIMAL: ±0.05           |  | COMMENTS  |           |   | SIZE   | DWG.NO.       | REV          |
| INTERPRET GEOMETRIC TOLERANCING PER: |  |           |           |   | <b>A</b>   | L-PLCX-350_75 | <b>0</b>     |
| MATERIAL H-K9L                       |  |           |           |   | SCALE:   | WEIGHT:       | SHEET 1 OF 1 |
| FINISH                               |  |           |           |   | DO NOT SCALE DRAWING   | PROJECT NO.   |              |