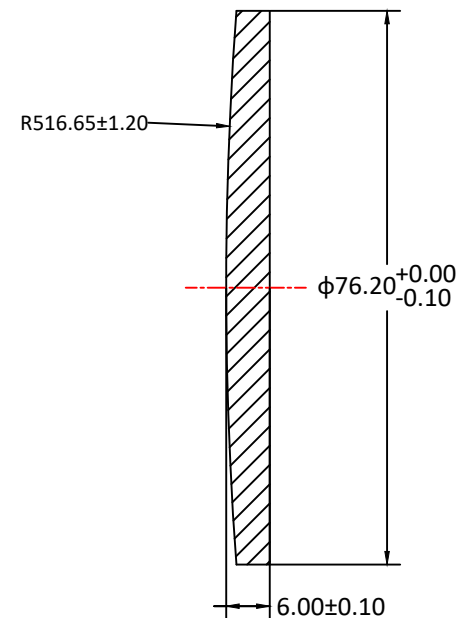
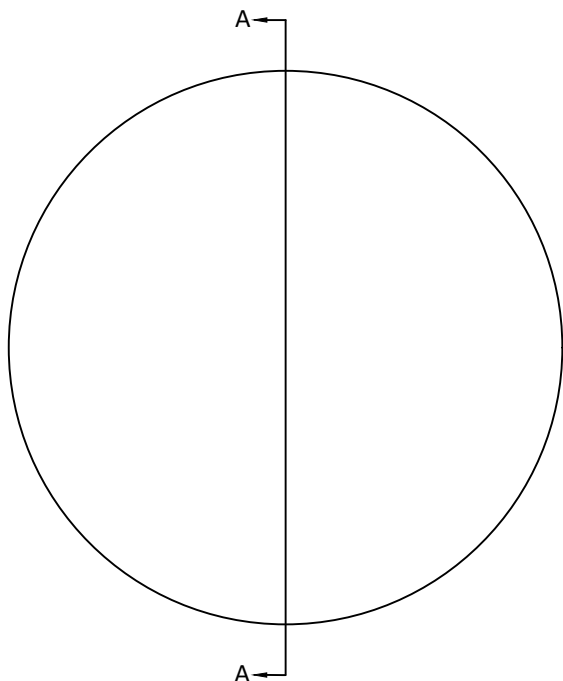


| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL  | MATERIAL | INDEX  | CT   | CT TOL |
|-----------|-------|-------|------|-----|-------|----------|----------|--------|------|--------|
| 516.65 CX | ±1.20 | 5     | 1    | 90% | 76.20 | +0/-0.10 | H-K9L    | 517642 | 6.00 | ±0.10  |
| Plano     | -     | 5     | 1    | 90% |       |          |          |        |      |        |



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
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): 1000.00 $\pm 1\%$
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: S1 & S2: Ravg<0.5% @1050-1700nm @ 0°AOI

|                                                                                                                                      |             |           |            |          |                                                                                       |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------|----------|---------------------------------------------------------------------------------------|--------------|--|
|                                                                                                                                      |             |           |            |          |                                                                                       |              |  |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             |           | NAME       | DATE     |  |              |  |
| 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 |             | DRAWN     | Sally Song | 6.20.24  | TITLE:<br><br>DIAMETER 76.20MM, EFL 1000.00MM, H-K9L, NIR 2 COATED, PLANO-CONVEX LENS |              |  |
|                                                                                                                                      |             | CHECK     |            |          |                                                                                       |              |  |
|                                                                                                                                      |             | ENG APPR. |            |          |                                                                                       |              |  |
|                                                                                                                                      |             | MFG APPR. |            |          |                                                                                       |              |  |
| INTERPRET GEOMETRIC TOLERANCING PER:                                                                                                 |             | QA        | Ann Chen   | 12.17.24 | SIZE    DWG.NO.    REV<br><b>A</b> <b>L-PX006100076Z</b> <b>0</b>                     |              |  |
| MATERIAL H-K9L                                                                                                                       | COMMENTS    |           |            |          |                                                                                       |              |  |
| FINISH                                                                                                                               |             |           |            |          |                                                                                       |              |  |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |           |            | SCALE:   | WEIGHT:                                                                               | SHEET 1 OF 1 |  |