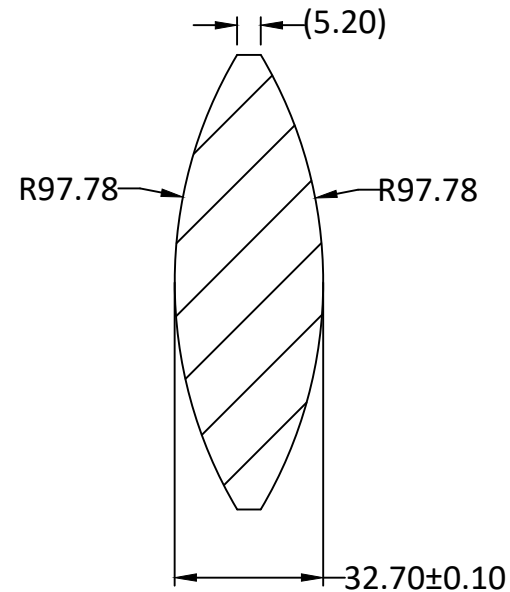
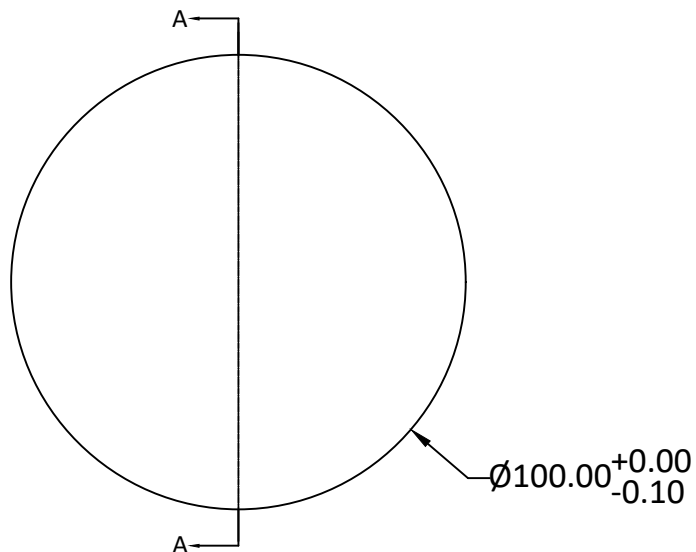


| RADIUS   | R TOL | POWER | IRRG | CA  | DIA    | DIA TOL  | MATERIAL | INDEX  | CT    | CT TOL |
|----------|-------|-------|------|-----|--------|----------|----------|--------|-------|--------|
| 97.78 CX | ±0.50 | 3     | 1    | 95% | 100.00 | +0/-0.10 | H-K9L    | 517642 | 32.70 | ±0.10  |
| 97.78 CX | ±0.50 | 3     | 1    | 95% |        |          |          |        |       |        |



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): 100mm $\pm 2\%$
7. SURFACE QUALITY : 60-40 SCRATCH-DIG
8. CHAMFER EDGES: 0.5 $\times 45^\circ$  MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 3.0' MINUTES MAX
10. COATING: S1 & S2: Ravg 0.8% @ 400-950nm @ 0° AOI

|                                                                                                                                      |             |            |          |                                                              |                                                                                                                                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                                                                                                                                      |             |            |          |                                                              |                                                                                                                                        |              |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             |            | NAME     | DATE                                                         | <div>CZ OPTICAL<br/>MANUFACTURER FROM CHINA</div> |              |
| 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 | 03.26.25 | TITLE:<br><br>DIAMETER 100MM, EFL 100MM, H-K9L BICONVEX LENS |                                                                                                                                        |              |
|                                                                                                                                      | CHECK       |            |          |                                                              |                                                                                                                                        |              |
|                                                                                                                                      | ENG APPR.   |            |          |                                                              |                                                                                                                                        |              |
|                                                                                                                                      | MFG APPR.   |            |          |                                                              |                                                                                                                                        |              |
| INTERPRET GEOMETRIC TOLERANCING PER:                                                                                                 | QA          | Ann Chen   | 01.18.25 | SIZE    DWG.NO.    REV<br><b>A</b> L-DX0040100100 <b>0</b>   |                                                                                                                                        |              |
| MATERIAL<br>H-K9L                                                                                                                    | COMMENTS    |            |          |                                                              |                                                                                                                                        |              |
| FINISH                                                                                                                               |             |            |          |                                                              |                                                                                                                                        |              |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |            |          | SCALE:                                                       | WEIGHT:                                                                                                                                | SHEET 1 OF 1 |