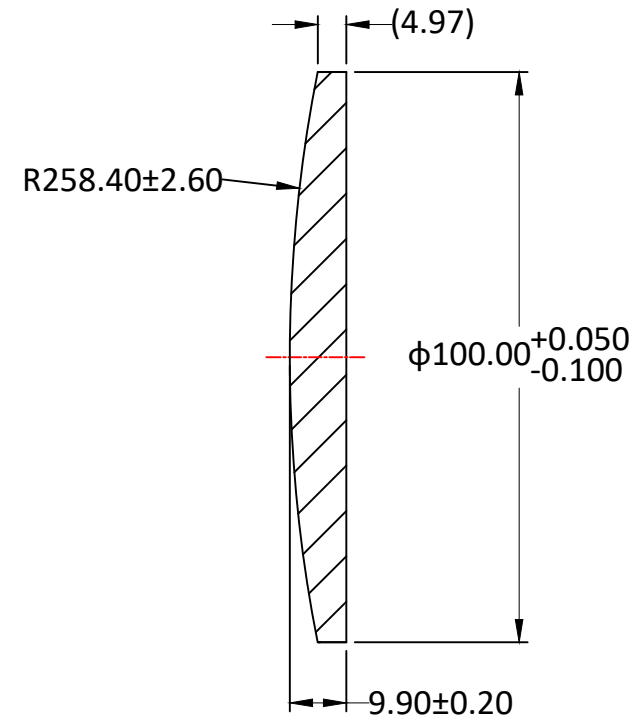
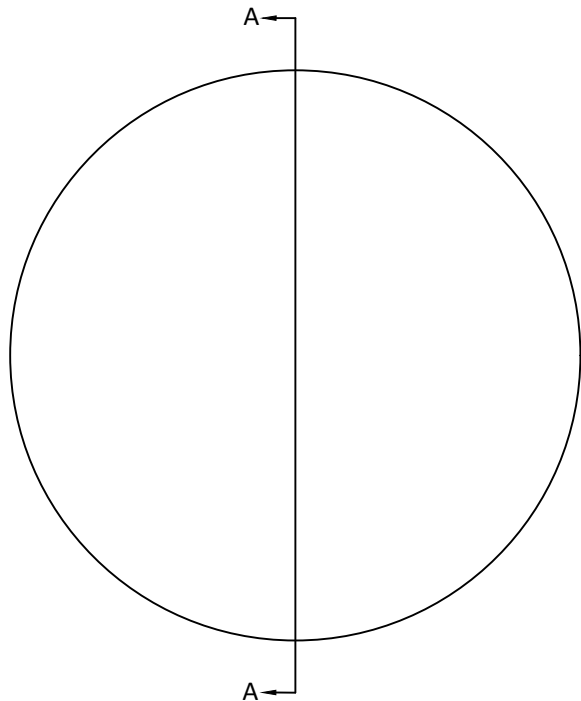


| RADIUS    | R TOL | POWER | IRRG | CA | DIA    | DIA TOL    | MATERIAL | INDEX  | CT   | CT TOL |
|-----------|-------|-------|------|----|--------|------------|----------|--------|------|--------|
| 258.40 CX | ±2.6  | 10    | 2    | 90 | 100.00 | +0.05/-0.1 | H-K9L    | 517642 | 9.90 | ±0.20  |
| Plano     | N/A   | 10    | 2    | 90 |        |            |          |        |      |        |



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
3. MATERIAL: H-K9L
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. FOCAL LENGTH(EFL):  $500.00 \pm 1\%$
7. SURFACE QUALITY : 80-50 SCRATCH-DIG
8. CHAMFER EDGES:  $1.0 \times 45^\circ$  MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 5.0' MINUTES MAX
10. COATING: UNCOATED

|                                                                                                                                      |  |             |            |         |                                                                                       |         |              |
|--------------------------------------------------------------------------------------------------------------------------------------|--|-------------|------------|---------|---------------------------------------------------------------------------------------|---------|--------------|
|                                                                                                                                      |  |             |            |         |                                                                                       |         |              |
| 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 | 9.15.24 | TITLE:<br><br>DIAMETER 100.00MM, EFL 500MM, H-K9L PLANO CONVEX LENSES                 |         |              |
|                                                                                                                                      |  | CHECK       |            |         |                                                                                       |         |              |
|                                                                                                                                      |  | ENG APPR.   |            |         |                                                                                       |         |              |
|                                                                                                                                      |  | MFG APPR.   |            |         |                                                                                       |         |              |
| INTERPRET GEOMETRIC TOLERANCING PER:                                                                                                 |  | QA          |            |         | SIZE<br><b>A</b><br>DWG.NO.<br><b>L-PX0010500100</b><br>REV<br><b>0</b>               |         |              |
| MATERIAL<br>H-K9L                                                                                                                    |  | COMMENTS    |            |         |                                                                                       |         |              |
| FINISH                                                                                                                               |  |             |            |         |                                                                                       |         |              |
| DO NOT SCALE DRAWING                                                                                                                 |  | PROJECT NO. |            |         | SCALE:                                                                                | WEIGHT: | SHEET 1 OF 1 |