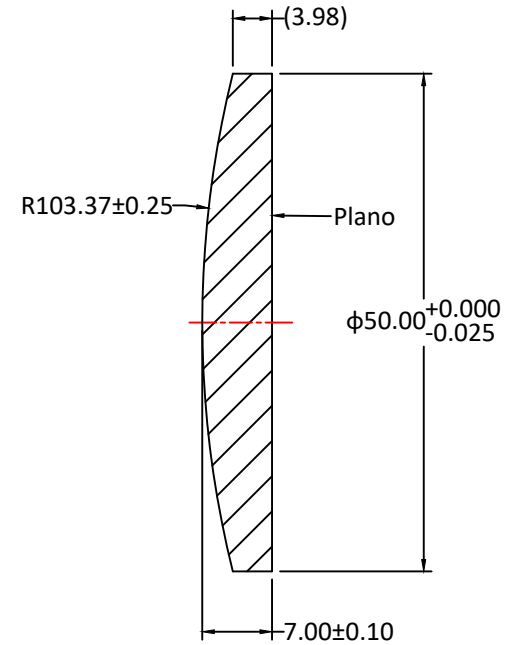
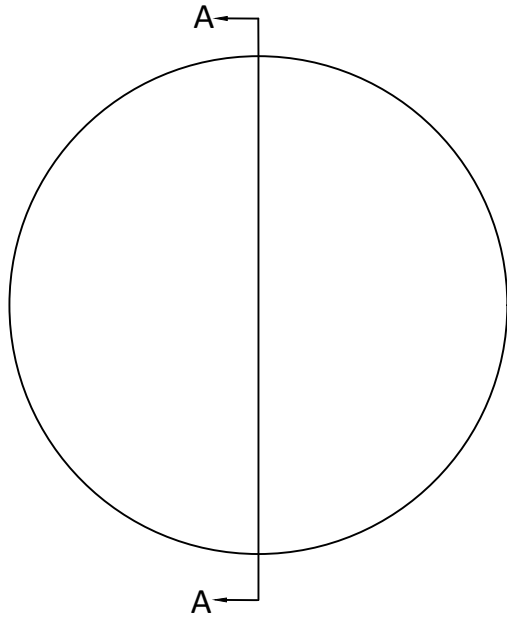


| RADIUS    | R TOL | POWER | IRRG | CA  |
|-----------|-------|-------|------|-----|
| 103.37 CX | ±0.25 | 3     | 0.5  | 90% |
| Plano     | -     | 3     | 0.5  | 90% |


| DIA   | DIA TOL   | MATERIAL | INDEX  | CT   | CT TOL |
|-------|-----------|----------|--------|------|--------|
| 50.00 | +0/-0.025 | H-K9L    | 517642 | 7.00 | ±0.10  |



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): 200.00±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: S1 & S2: Ravg<0.35% @ 420-680nm @ 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 | 9.26.24  | TITLE:<br>DIAMETER 50.00MM, EFL 200.00MM, H-K9L, MgF2<br>COATED, PLANO-CONVEX LENS    |              |
|  | CHECK       |            |          |   |              |
|  | ENG APPR.   |            |          |   |              |
|  | MFG APPR.   |            |          |   |              |
| INTERPRET GEOMETRIC TOLERANCING PER:   | QA          | Ann Chen   | 12.18.24 | SIZE DWG.NO. REV<br><b>A</b> L-PX0030200050 <b>0</b>                                  |              |
| MATERIAL H-K9L   | COMMENTS    |            |          |   |              |
| FINISH   |             |            |          |   |              |
| DO NOT SCALE DRAWING   | PROJECT NO. |            | SCALE:   | WEIGHT:   | SHEET 1 OF 1 |