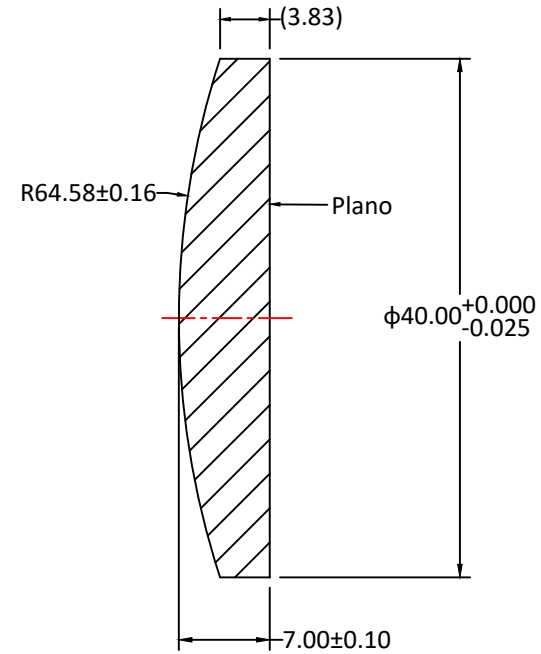
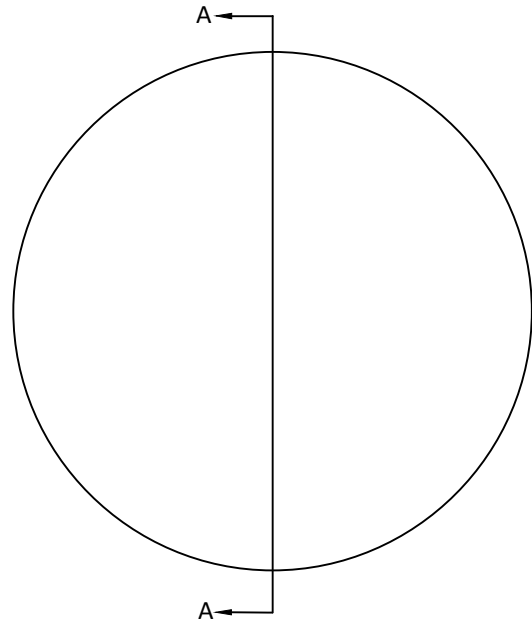


| RADIUS   | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL   | MATERIAL | INDEX  | CT   | CT TOL |
|----------|-------|-------|------|-----|-------|-----------|----------|--------|------|--------|
| 64.58 CX | ±0.16 | 3     | 0.5  | 90% | 40.00 | +0/-0.025 | H-K9L    | 517642 | 7.00 | ±0.10  |
| Plano    | -     | 3     | 0.5  | 90% |       |           |          |        |      |        |



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
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):  $125.00 \pm 1\%$
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:  $R_{avg} < 0.35\%$  @ 420-680nm @  $0^\circ$  AOI

|                                      |           |            |          |   |
|--------------------------------------|-----------|------------|----------|---|
| UNLESS OTHERWISE SPECIFIED:          |           | NAME       | DATE     |   |
| DIMENSIONS ARE IN mm                 | DRAWN     | Sally Song | 9.14.24  |   |
| TOLERANCES:                          | CHECK     |            |          | TITLE:<br>DIAMETER 40.00MM, EFL 125.00MM, H-K9L, VIS O COATED,<br>PLANO-CONVEX LENS |
| FRACTIONAL $\pm$                     | ENG APPR. |            |          |   |
| ANGULAR: $\pm 3$ ARC MIN             | MFG APPR. |            |          |   |
| TWO PLACE DECIMAL: $\pm 0.10$        | QA        | Ann Chen   | 12.18.24 |   |
| THREE PLACE DECIMAL: $\pm 0.05$      | COMMENTS  |            |          | SIZE <b>A</b> DWG.NO. <b>L-PX0030125040</b> REV <b>0</b>                            |
| INTERPRET GEOMETRIC TOLERANCING PER: |           |            |          | DO NOT SCALE DRAWING PROJECT NO. SCALE: WEIGHT: SHEET 1 OF 1                        |
| MATERIAL H-K9L                       |           |            |          |   |
| FINISH                               |           |            |          |   |