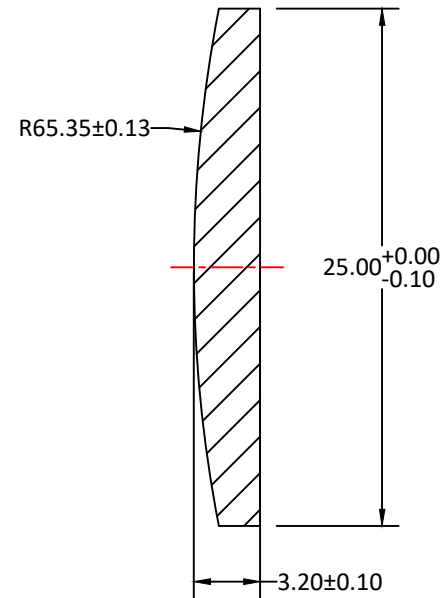
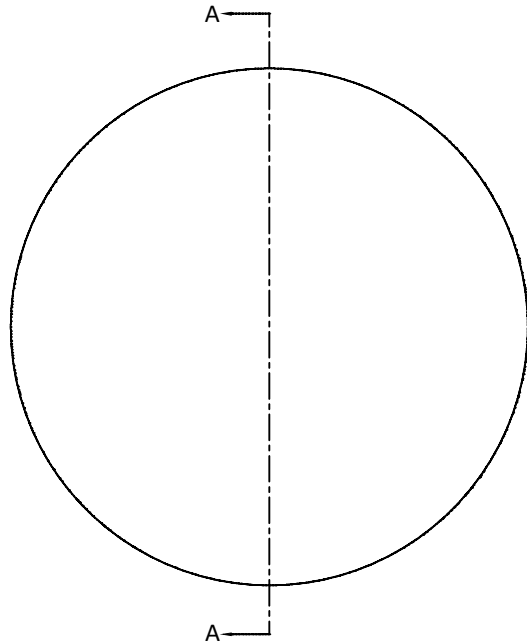


| RADIUS   | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL  | MATERIAL | INDEX  | CT   | CT TOL |
|----------|-------|-------|------|-----|-------|----------|----------|--------|------|--------|
| 65.35 CX | ±0.13 | 3     | 1    | 90% | 25.00 | +0/-0.10 | H-K9L    | 517642 | 3.20 | ±0.10  |
| Plano    | -     | 3     | 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):  $127.00 \pm 2\%$
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES:  $0.25 \times 45^\circ$  MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 2.0' MINUTES MAX
10. COATING: S1 & S2:  $R_{avg} < 0.35\%$  @ 420-680nm @  $0^\circ$  AOI

|                                                                                                                                                         |             |            |          |                                                                                       |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------|---------------------------------------------------------------------------------------|----------------|
| UNLESS OTHERWISE SPECIFIED:                                                                                                                             |             | NAME       | DATE     |  |                |
| DIMENSIONS ARE IN mm<br>TOLERANCES:<br>FRACTIONAL $\pm$<br>ANGULAR: $\pm 3$ ARC MIN<br>TWO PLACE DECIMAL: $\pm 0.10$<br>THREE PLACE DECIMAL: $\pm 0.05$ | DRAWN       | Eva Du     | 7.20.24  |                                                                                       |                |
|                                                                                                                                                         | CHECK       | Sally Song | 7.26.24  |                                                                                       |                |
|                                                                                                                                                         | ENG APPR.   |            |          |                                                                                       |                |
|                                                                                                                                                         | MFG APPR.   |            |          |                                                                                       |                |
| INTERPRET GEOMETRIC TOLERANCING PER:                                                                                                                    | QA          | Ann Chen   | 12.17.24 | TITLE:<br>DIAMETER 25MM, EFL 127.00MM, H-K9L, VIS 0 COATED,<br>PLANO-CONVEX LENS      |                |
| MATERIAL H-K9L                                                                                                                                          | COMMENTS    |            |          | SIZE                                                                                  | DWG.NO.        |
| FINISH                                                                                                                                                  |             |            |          | <b>A</b>                                                                              | L-PX0030127025 |
| DO NOT SCALE DRAWING                                                                                                                                    | PROJECT NO. |            |          | SCALE:                                                                                | WEIGHT:        |
|                                                                                                                                                         |             |            |          |                                                                                       | SHEET 1 OF 1   |

TITLE:  
DIAMETER 25MM, EFL 127.00MM, H-K9L, VIS 0 COATED,  
PLANO-CONVEX LENS

SIZE **A** DWG.NO. L-PX0030127025 REV **0**