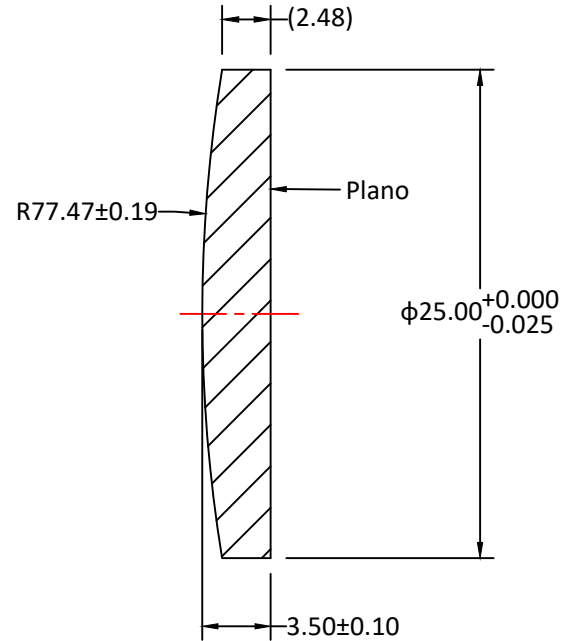
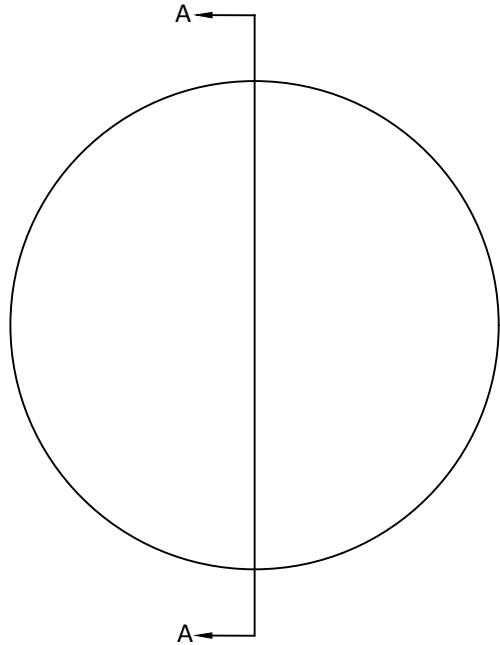


| RADIUS   | R TOL | POWER | IRRG | CA  |
|----------|-------|-------|------|-----|
| 77.47 CX | ±0.19 | 3     | 0.5  | 90% |
| Plano    | -     | 3     | 0.5  | 90% |

| DIA   | DIA TOL   | MATERIAL | INDEX  | CT   | CT TOL |
|-------|-----------|----------|--------|------|--------|
| 25.00 | +0/-0.025 | H-K9L    | 517642 | 3.50 | ±0.10  |



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
- MATERIAL: OPTICAL GLASS H-K9L
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- FOCAL LENGTH(EFL):  $150.00 \pm 1\%$
- SURFACE QUALITY : 40-20 SCRATCH-DIG
- CHAMFER EDGES:  $0.5 \times 45^\circ$  MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 1.0' MINUTES MAX
- COATING: S1 & S2:  $\frac{1}{4}$  WAVE MgF2 @ 550nm R(AVG) < 1.75% FROM 400-700nm H-K9L

|                                                                                                                                      |             |            |          |                                                                                                                                             |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|
|                                                                                                                                      |             |            |          |                                                                                                                                             |              |  |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             | NAME       | DATE     | <div> <b>OPTICAL</b><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 | 9.12.24  | TITLE:<br>DIAMETER 25.00MM, EFL 150.00MM, H-K9L, MgF2<br>COATED, PLANO-CONVEX LENS                                                          |              |  |
|                                                                                                                                      | CHECK       |            |          |                                                                                                                                             |              |  |
|                                                                                                                                      | ENG APPR.   |            |          |                                                                                                                                             |              |  |
|                                                                                                                                      | MFG APPR.   |            |          |                                                                                                                                             |              |  |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              | QA          | Ann Chen   | 12.18.24 | SIZE<br><b>A</b> DWG.NO.<br><b>L-PX0020150025</b> REV<br><b>0</b>                                                                           |              |  |
| MATERIAL<br>H-K9L                                                                                                                    | COMMENTS    |            |          |                                                                                                                                             |              |  |
| FINISH                                                                                                                               |             |            |          |                                                                                                                                             |              |  |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |            | SCALE:   | WEIGHT:                                                                                                                                     | SHEET 1 OF 1 |  |

REV  
**0**