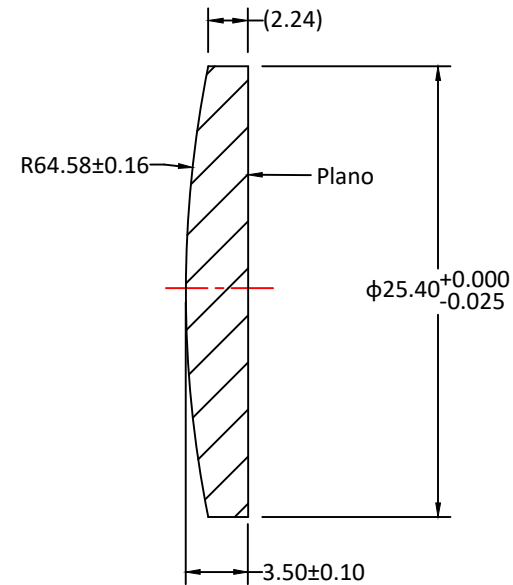
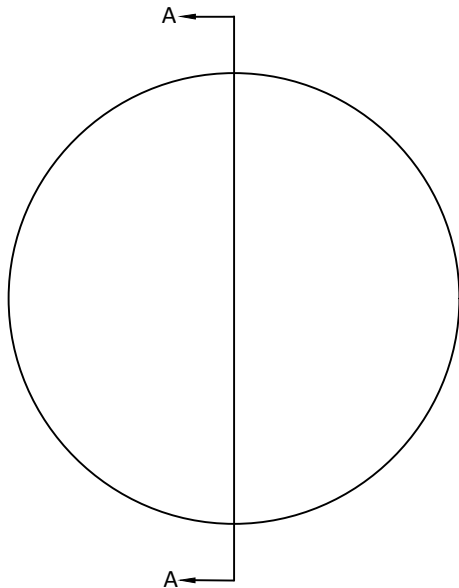


| RADIUS   | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL   | MATERIAL | INDEX  | CT   | CT TOL |
|----------|-------|-------|------|-----|-------|-----------|----------|--------|------|--------|
| 64.58 CX | ±0.16 | 3     | 0.5  | 90% | 25.40 | +0/-0.025 | H-K9L    | 517642 | 3.50 | ±0.10  |
| Plano    | -     | 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°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: S1 & S2: Ravg 0.8% @ 400-950nm @ 0° AOI

|                                                                                                                                      |             |            |          |                                                                                            |  |         |              |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|----------|--------------------------------------------------------------------------------------------|--|---------|--------------|
|                                                                                                                                      |             |            |          |       |  |         |              |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             | NAME       | DATE     | TITLE:<br><br>DIAMETER 25.40MM, EFL 125.00MM, H-K9L, VIS-NIR1<br>COTAED, PLANO-CONVEX LENS |  |         |              |
| 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 | 9.22.24  |                                                                                            |  |         |              |
|                                                                                                                                      | 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-PX004012525Z</b> REV<br><b>0</b>                          |  |         |              |
| MATERIAL<br>H-K9L                                                                                                                    | COMMENTS    |            |          |                                                                                            |  |         |              |
| FINISH                                                                                                                               |             |            |          |                                                                                            |  |         |              |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |            |          | SCALE:                                                                                     |  | WEIGHT: | SHEET 1 OF 1 |