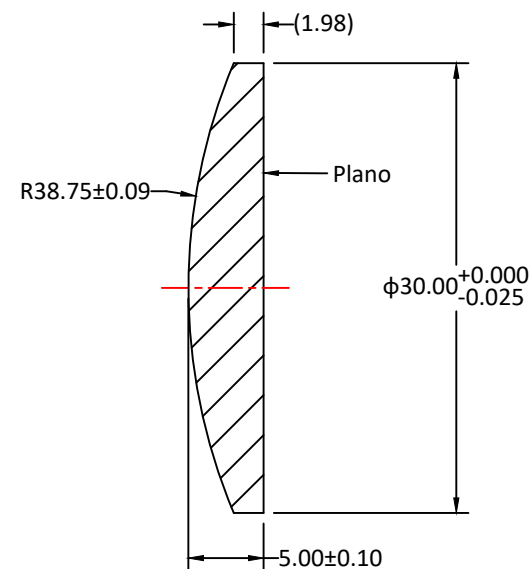
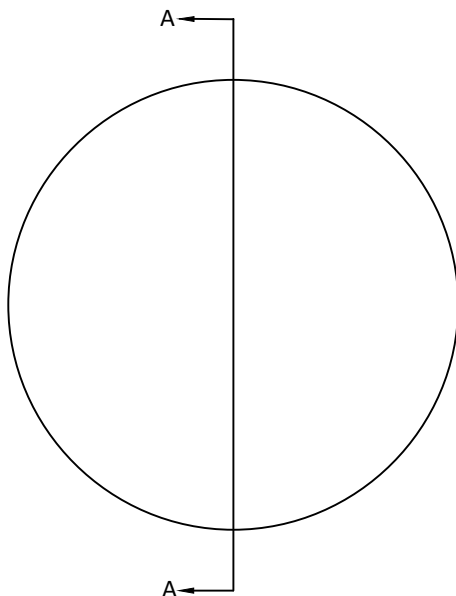


| RADIUS   | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL   | MATERIAL | INDEX  | CT   | CT TOL |
|----------|-------|-------|------|-----|-------|-----------|----------|--------|------|--------|
| 38.75 CX | ±0.09 | 3     | 0.5  | 90% | 30.00 | +0/-0.025 | H-K9L    | 517642 | 5.00 | ±0.10  |
| Plano    | -     | 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): 75.00  $\pm 1\%$
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<0.35% @ 420-680nm @ 0° AOI

|                                                                                                                                      |  |             |            |         |                                                                                                                                             |                                  |                 |
|--------------------------------------------------------------------------------------------------------------------------------------|--|-------------|------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|
|                                                                                                                                      |  |             |            |         |                                                                                                                                             |                                  |                 |
| 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       | Sylvia Lin | 10.2.24 |                                                                                                                                             |                                  |                 |
|                                                                                                                                      |  | CHECK       | Sally Song | 10.8.24 |                                                                                                                                             |                                  |                 |
|                                                                                                                                      |  | ENG APPR.   |            |         |                                                                                                                                             |                                  |                 |
|                                                                                                                                      |  | MFG APPR.   |            |         |                                                                                                                                             |                                  |                 |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              |  | QA          |            |         | TITLE:<br><br>DIAMETER 30.00 MM, EFL 75.00MM, H-K9L, VIS 0 COATED<br>PLANO-CONVEX LENS                                                      |                                  |                 |
| MATERIAL<br>H-K9L                                                                                                                    |  | COMMENTS    |            |         |                                                                                                                                             |                                  |                 |
| FINISH                                                                                                                               |  |             |            |         |                                                                                                                                             |                                  |                 |
| DO NOT SCALE DRAWING                                                                                                                 |  | PROJECT NO. |            |         | SIZE<br><b>A</b>                                                                                                                            | DWG.NO.<br><b>L-PX0030075030</b> | REV<br><b>C</b> |
|                                                                                                                                      |  |             |            |         | SCALE:                                                                                                                                      | WEIGHT:                          | SHEET 1 OF 1    |