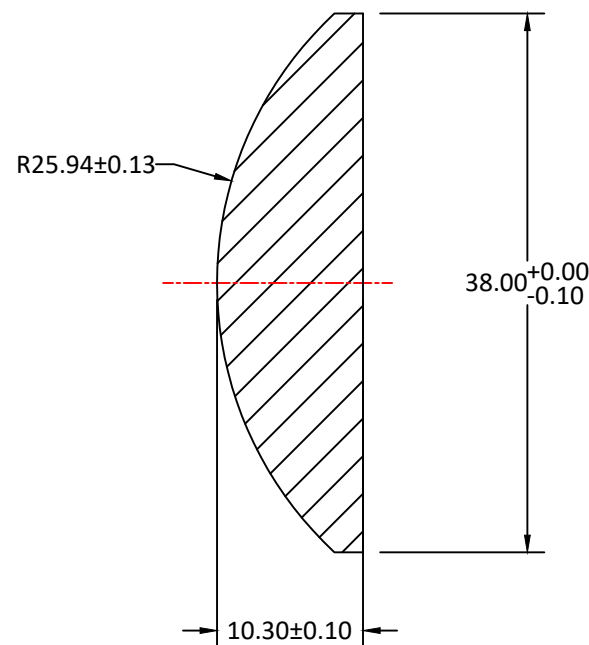
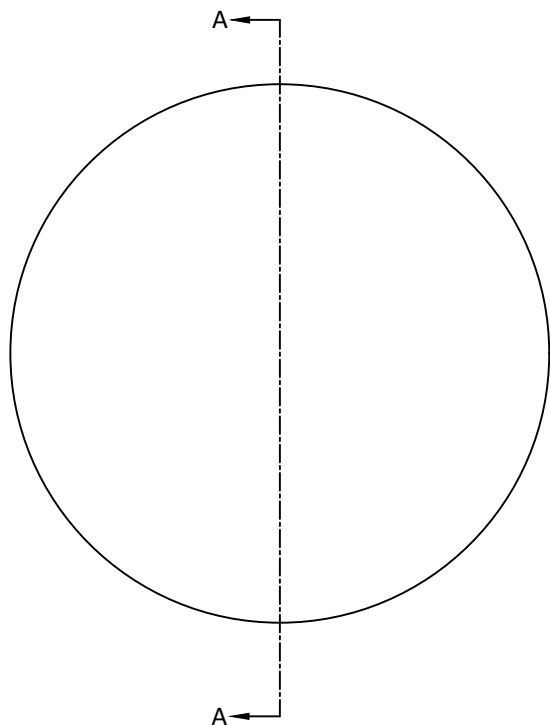


| RADIUS   |       |      |    |     |       |          |          |        |      |        |
|----------|-------|------|----|-----|-------|----------|----------|--------|------|--------|
| R TOL    | POWER | IRRG | CA |     | DIA   | DIA TOL  | MATERIAL | INDEX  | CT   | CT TOL |
| 25.94 CX | ±0.13 | 3    | 1  | 90% | 38.00 | +0/-0.10 | H-K9L    | 517642 | 10.3 | ±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): 50.00 $\pm$ 2%
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<0.5% @1050-1700nm @ 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       | Eva Du     | 7.15.24  |                  |                                                                                                                                             |                                  |                 |
|                                                                                                                                      | CHECK       | Sally Song | 7.20.24  |                  |                                                                                                                                             |                                  |                 |
|                                                                                                                                      | ENG APPR.   |            |          |                  |                                                                                                                                             |                                  |                 |
|                                                                                                                                      | MFG APPR.   |            |          |                  |                                                                                                                                             |                                  |                 |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              | QA          | Ann Chen   | 12.17.24 |                  | TITLE:<br>DIAMETER 38MM, EFL 50.00MM, H-K9L, NIR 2 COATED,<br>PLANO-CONVEX LENS                                                             |                                  |                 |
| MATERIAL<br>H-K9L                                                                                                                    | COMMENTS    |            |          | SIZE<br><b>A</b> |                                                                                                                                             | DWG.NO.<br><b>L-PX0060050038</b> | REV<br><b>0</b> |
| FINISH                                                                                                                               |             |            |          |                  |                                                                                                                                             |                                  |                 |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |            |          | SCALE:           | WEIGHT:                                                                                                                                     | SHEET 1 OF 1                     |                 |