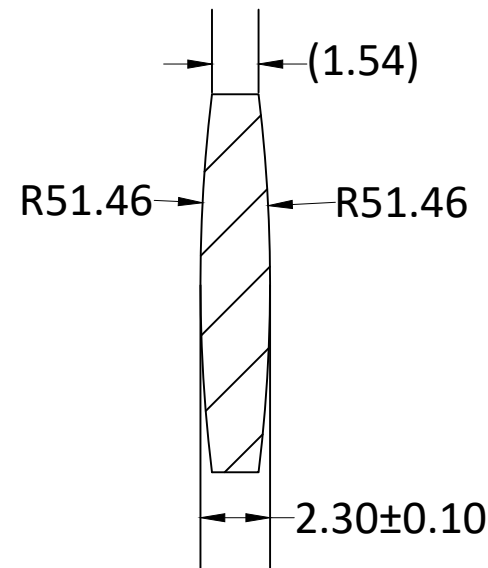
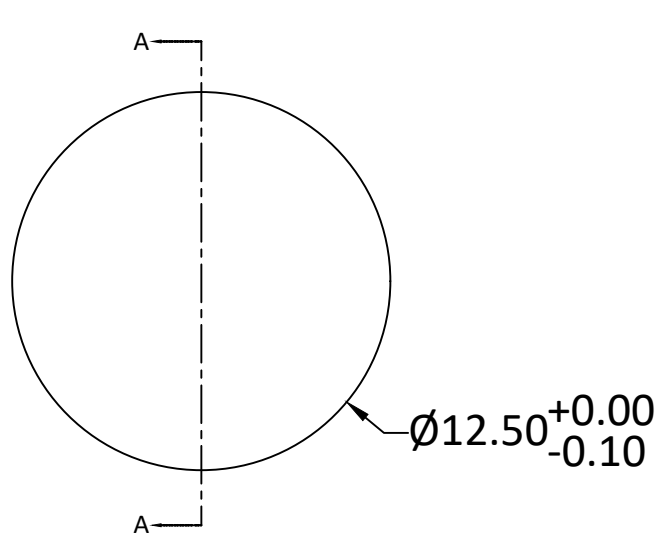


| RADIUS   | R TOL  | POWER | IRRG | CA  | DIA   | DIA TOL  | MATERIAL | INDEX  | CT   | CT TOL |
|----------|--------|-------|------|-----|-------|----------|----------|--------|------|--------|
| 51.46 CX | ±0.25% | 3     | 1    | 90% | 12.50 | +0/-0.10 | H-K9L    | 517642 | 2.30 | ±0.10  |
| 51.46 CX | ±0.25% | 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): 50mm $\pm$ 2%
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.25 $\times$ 45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE:3.0' MINUTES MAX
10. COATING: S1 & S2:Ravg<0.35% @ 420-680nm @ 0° AOI

|                                                                                                                                                         |             |          |          |                                                                                       |                           |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|----------|---------------------------------------------------------------------------------------|---------------------------|-----------------|
| UNLESS OTHERWISE SPECIFIED:                                                                                                                             |             |          |          |  |                           |                 |
| 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       |          |          |                                                                                       |                           |                 |
|                                                                                                                                                         | CHECK       |          |          |                                                                                       |                           |                 |
|                                                                                                                                                         | ENG APPR.   |          |          |                                                                                       |                           |                 |
|                                                                                                                                                         | MFG APPR.   |          |          |                                                                                       |                           |                 |
| INTERPRET GEOMETRIC TOLERANCING PER:                                                                                                                    | QA          | Ann Chen | 01.18.25 | TITLE:<br><br>DIAMETER 12.5MM, EFL 50MM, H-K9L, VIS 0 COATED, BICONVEX LENS           |                           |                 |
| MATERIAL<br>H-K9L                                                                                                                                       | COMMENTS    |          |          | SIZE<br><b>A</b>                                                                      | DWG.NO.<br>L-DX003005012Y | REV<br><b>0</b> |
| FINISH                                                                                                                                                  |             |          |          |                                                                                       |                           |                 |
| DO NOT SCALE DRAWING                                                                                                                                    | PROJECT NO. |          |          | SCALE:                                                                                | WEIGHT:                   | SHEET 1 OF 1    |