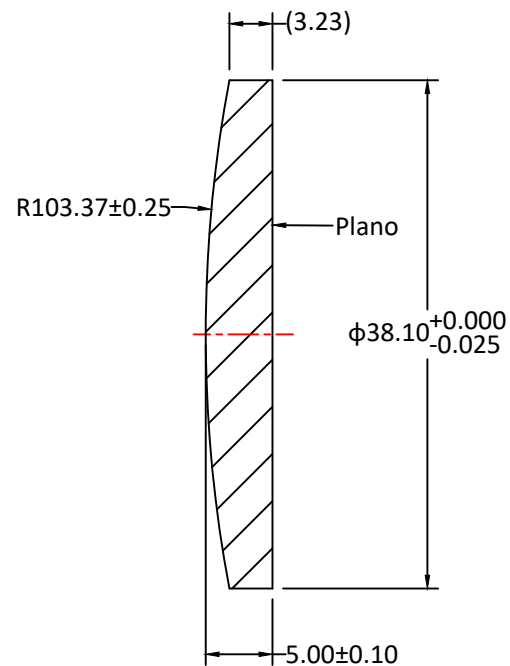
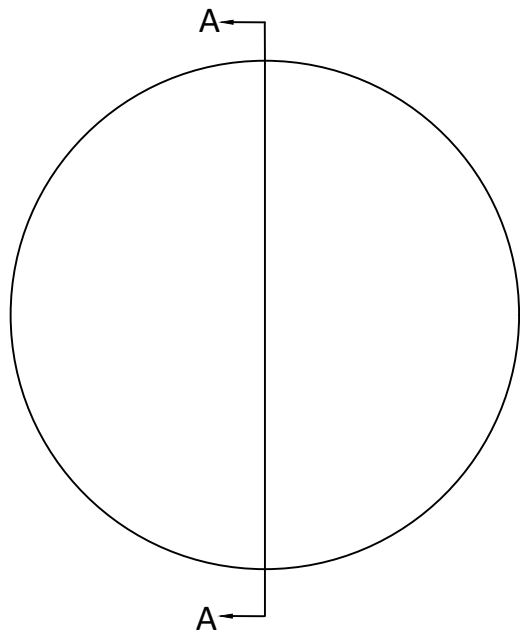


| RADIUS | R TOL | POWER | IRRG | CA |
|-----------|-------|-------|------|-----|
| 103.37 CX | ±0.25 | 3 | 0.5 | 90% |
| Plano | - | 3 | 0.5 | 90% |


| DIA | DIA TOL | MATERIAL | INDEX | CT | CT TOL |
|-------|-----------|----------|--------|------|--------|
| 38.10 | +0/-0.025 | H-K9L | 517642 | 5.00 | ±0.10 |



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 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): 200.00±1%
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.5×45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: 1.0' MINUTES MAX
10. COATING: S1 & S2: ¼ WAVE MgF2 @ 550nm R(AVG) < 1.75% FROM 400-700nm H-K9L

| | | | | | |
|--------------------------------------|--|--------------|------------|---|--|
| UNLESS OTHERWISE SPECIFIED: | | NAME | DATE |  | |
| DIMENSIONS ARE IN mm | | DRAWN | Sally Song | | |
| TOLERANCES: | | CHECK | | | TITLE: DIAMETER 38.10MM, EFL 200.00MM, H-K9L, MgF2 COATED, PLANO-CONVEX LENS |
| FRACTIONAL ± | | ENG APPR. | | | |
| ANGULAR: ±3 ARC MIN | | MFG APPR. | | | |
| TWO PLACE DECIMAL: ±0.10 | | QA | Ann Chen | 12.18.24 | |
| THREE PLACE DECIMAL: ±0.05 | | COMMENTS | | | |
| INTERPRET GEOMETRIC TOLERANCING PER: | | | | | SIZE |
| MATERIAL H-K9L | | | | | DWG.NO. |
| FINISH | | | | | A |
| DO NOT SCALE DRAWING | | PROJECT NO. | | | L-PX002020038Z |
| | | SCALE: | | | REV |
| | | WEIGHT: | | | 0 |
| | | SHEET 1 OF 1 | | | |