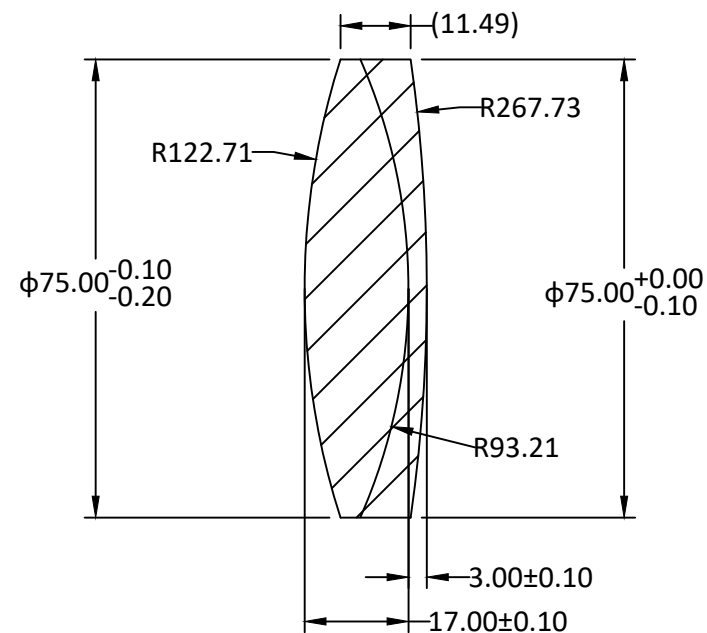
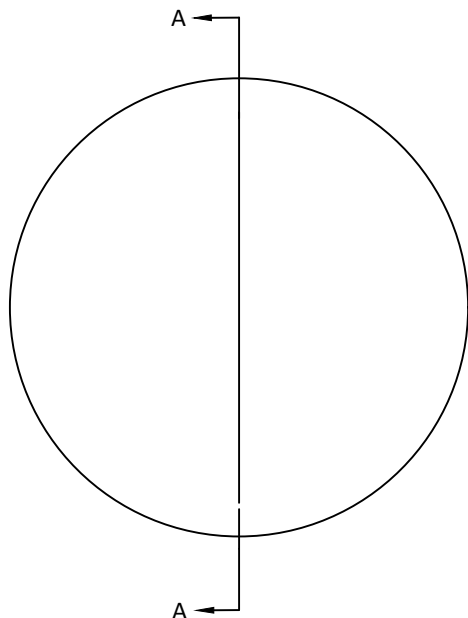


| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL   | MATERIAL | INDEX   | CT    | CT TOL |
|-----------|-------|-------|------|-----|-------|-----------|----------|---------|-------|--------|
| 122.71 CX | ±0.25 | 3     | 2    | 95% | 75.00 | -0.1/-0.2 | N-BK7    | 517-642 | 17.00 | ±0.10  |
| 93.21     | ±0.19 | 3     | 2    | 95% | 75.00 | +0/-0.1   | N-SF5    | 673-322 | 3.00  | ±0.10  |
| 267.73 CX | ±0.54 | 3     | 2    | 95% |       |           |          |         |       |        |



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
- MATERIAL GRADE B, FA PER MIL-G-174, SCHOTT OR EQUIVALENT, RoHS COMPLIANT
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- SURFACE QUALITY : 60-40 SCRATCH-DIG
- CHAMFER EDGES: 0.5×45° MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3.0' MINUTES MAX
- EFL: 200MM  $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: SINGLE LAYER MgF<sub>2</sub>@550NM PER MIL-C-675C, MODERATE ABRASION
- CEMENT USING NORLAND NOA61 OR EQUIVALENT

|                                                                                                                                      |             |           |            |            |                                                                                       |         |              |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------|------------|---------------------------------------------------------------------------------------|---------|--------------|
|                                                                                                                                      |             |           |            |            |                                                                                       |         |              |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             |           | NAME       | DATE       |  |         |              |
| 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 | 12.16.24   | TITLE:<br><br>DIAMETER 75MM, EFL 200MM, MgF2 COATED,<br>ACHROMAT LENS                 |         |              |
|                                                                                                                                      |             | CHECK     |            |            |                                                                                       |         |              |
|                                                                                                                                      |             | ENG APPR. |            |            |                                                                                       |         |              |
|                                                                                                                                      |             | MFG APPR. |            |            |                                                                                       |         |              |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              |             | QA        | Ann Chen   | 12.18.24   | SIZE    DWG.NO.<br><b>A</b> <b>L-AC0020200075</b>                                     |         |              |
| MATERIAL                                                                                                                             | COMMENTS    |           |            |            |                                                                                       |         |              |
| FINISH                                                                                                                               |             |           |            |            |                                                                                       |         |              |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |           |            | SCALE: 1:1 |                                                                                       | WEIGHT: | SHEET 1 OF 1 |