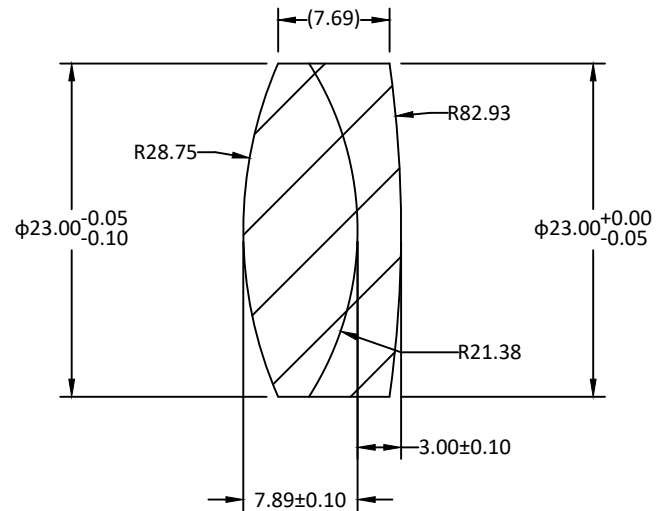
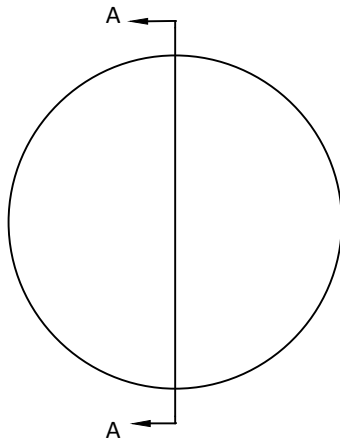


| RADIUS   | R TOL | POWER | IRRG | CA | DIA   | DIA TOL     | MATERIAL | INDEX   | CT   | CT TOL |
|----------|-------|-------|------|----|-------|-------------|----------|---------|------|--------|
| 28.75 CX | ±0.06 | 3     | 1    | 22 | 23.00 | -0.05/-0.10 | N-SK11   | 564-608 | 7.89 | ±0.10  |
| 21.38    | ±0.04 | 3     | 1    | 22 | 23.00 | +0/-0.05    | N-SF5    | 673-322 | 3.00 | ±0.10  |
| 82.93 CX | ±0.16 | 3     | 1    | 22 |       |             |          |         |      |        |



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, SCHOTT OR EQUIVALENT, RoHS COMPLIANT
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. SURFACE QUALITY : 60-40 SCRATCH-DIG
7. CHAMFER EDGES:  $0.5 \times 45^\circ$  MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 45MM  $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: UNCOATED
12. 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 | 12.12.24 | TITLE:<br><br>DIAMETER 23MM, EFL 45MM, ACHROMAT LENS                                  |  |         |              |
|                                                                                                                                      |  | CHECK       |            |          |                                                                                       |  |         |              |
|                                                                                                                                      |  | ENG APPR.   |            |          |                                                                                       |  |         |              |
|                                                                                                                                      |  | MFG APPR.   |            |          |                                                                                       |  |         |              |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              |  | QA          | Ann Chen   | 12.18.24 | SIZE DWG.NO. REV<br><b>A</b> L-AC0010045023 <b>0</b>                                  |  |         |              |
| MATERIAL                                                                                                                             |  | COMMENTS    |            |          |                                                                                       |  |         |              |
| FINISH                                                                                                                               |  |             |            |          |                                                                                       |  |         |              |
| DO NOT SCALE DRAWING                                                                                                                 |  | PROJECT NO. |            |          | SCALE: 1:1                                                                            |  | WEIGHT: | SHEET 1 OF 1 |