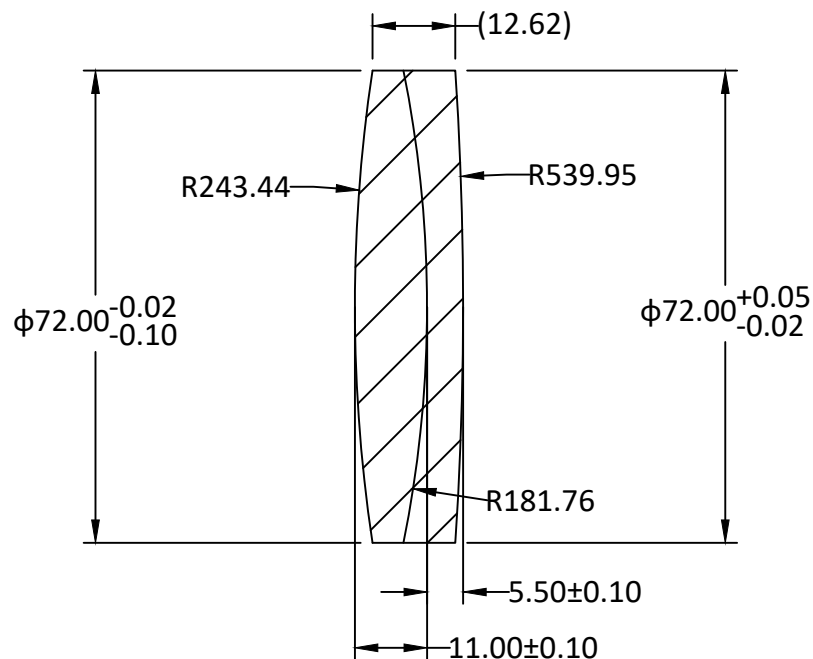
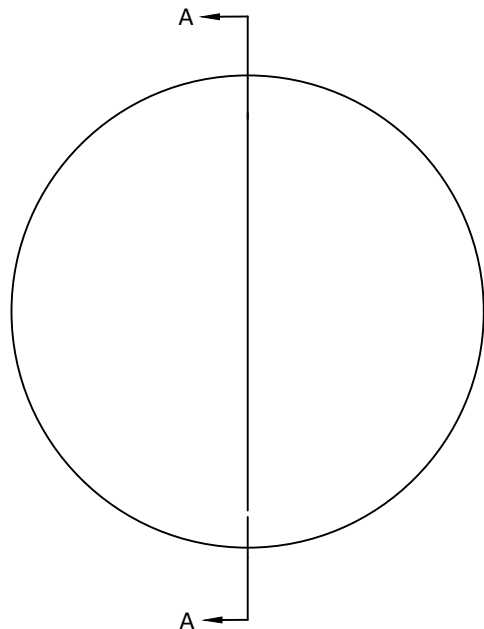


| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL     | MATERIAL | INDEX   | CT    | CT TOL |
|-----------|-------|-------|------|-----|-------|-------------|----------|---------|-------|--------|
| 243.44 CX | ±0.5% |       | 2    | 95% | 72.00 | -0.02/-0.1  | N-BK7    | 517-642 | 11.00 | ±0.10  |
| 181.76    | ±0.5% |       | 2    | 95% | 72.00 | +0.05/-0.02 | N-SF5    | 673-322 | 5.50  | ±0.10  |
| 539.95 CX | ±0.5% |       | 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:  $0.5 \times 45^\circ$  MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3.0' MINUTES MAX
- EFL:  $400\text{MM} \pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3:  $R_{avg} < 0.8\%$  @ 400-950nm @  $0^\circ$  AOI
- CEMENT USUNG 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 72MM, EFL 400MM, VIS-NIR1 COATED,<br>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> <b>L-AC0040400072</b> <b>0</b>                           |         |              |
| MATERIAL                                                                                                                             |  | COMMENTS    |            |          |                                                                                       |         |              |
| FINISH                                                                                                                               |  |             |            |          |                                                                                       |         |              |
| DO NOT SCALE DRAWING                                                                                                                 |  | PROJECT NO. |            |          | SCALE: 1 : 1                                                                          | WEIGHT: | SHEET 1 OF 1 |