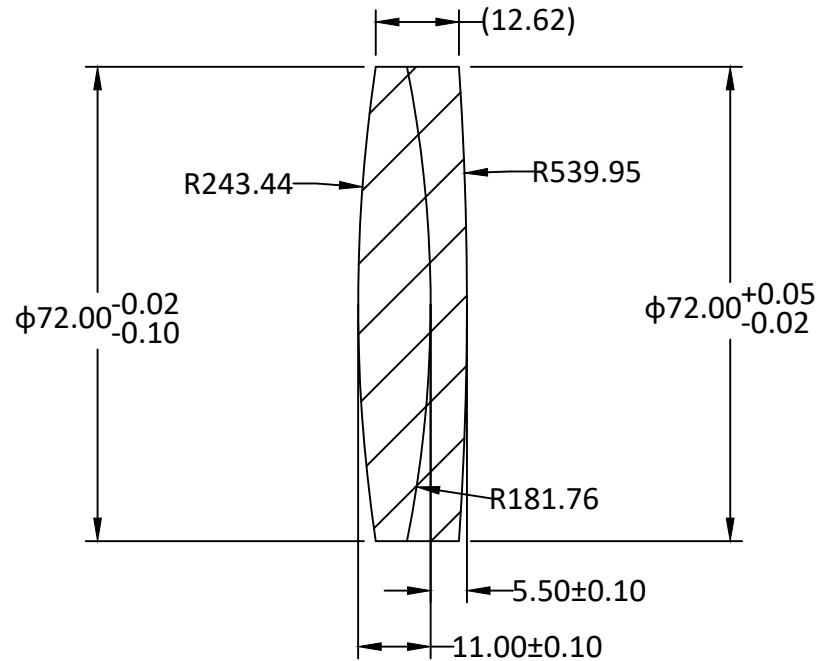
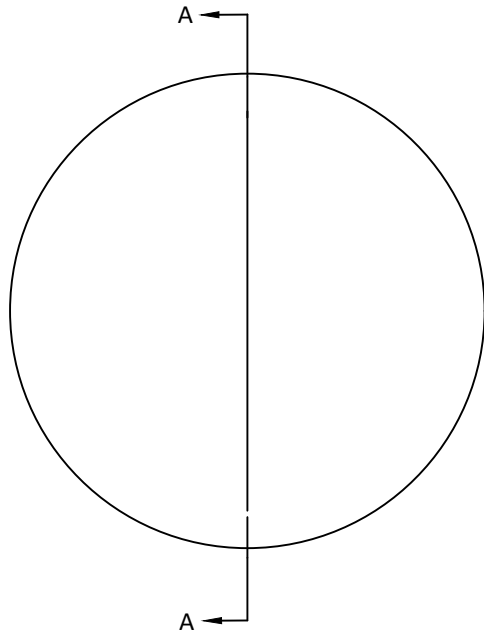


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
243.44 CX	±0.5%		2	95%	72.00	-0.02/-0.1	N-BK7	517-642	11.00	±0.10
181.76	±0.5%		2	95%	72.00	+0.05/-0.02	N-SF5	673-322	5.50	±0.10
539.95 CX	±0.5%		2	95%						



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED ± 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: 400MM $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: SINGLE LAYER MG F2 @ 550NM PER MIL-C-675C, MODERATE ABRASION
- CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:			NAME	DATE		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05	DRAWN	Sally Song	12.16.24	TITLE: DIAMETER 72MM, EFL 400MM, MgF2 COATED, ACHROMAT LENS		
	CHECK					
	ENG APPR.					
	MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.18.24			
MATERIAL	COMMENTS			SIZE	DWG.NO.	REV
FINISH				A	L-AC0020400072	0
DO NOT SCALE DRAWING	PROJECT NO.			SCALE: 1:1	WEIGHT:	SHEET 1 OF 1