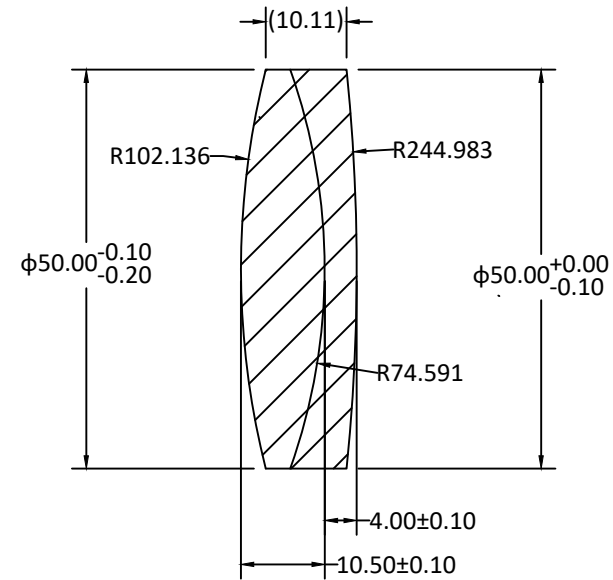
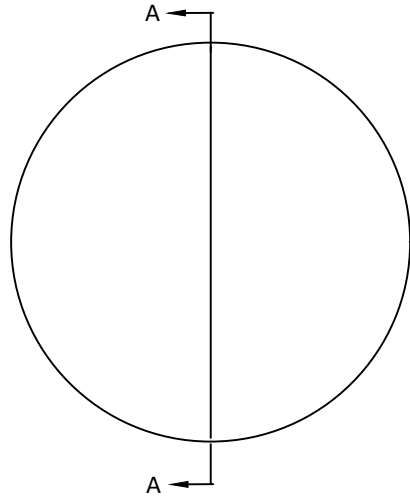


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
102.136 CX	±0.10	3	1	45	50.00	-0.10/-0.20	N-BK7	517-642	10.50	±0.10
74.591	±0.07	3	1	45	50.00	+0/-0.10	N-SF2	648-339	4.00	±0.10
244.983 CX	±0.20	3	1	45						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 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: 0.5×45° MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 170MM ± 2%
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: SINGLE LAYER MGF2@550NM PER MIL-C-675C, MODERATE ABRASION
12. CEMENT USING 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	
INTERPRET GEOMETRIC TOLERANCING PER:		CHECK		
MATERIAL		ENG APPR.		
FINISH		MFG APPR.		
DO NOT SCALE DRAWING		QA	Ann Chen	12.18.24
PROJECT NO.		COMMENTS		TITLE: DIAMETER 50MM, EFL 170MM, MgF2 COATED, ACHROMAT LENS
SCALE: 1:1		SIZE	DWG.NO.	REV
WEIGHT:		<b>A</b>	L-AC0020170050	<b>0</b>
SHEET 1 OF 1				