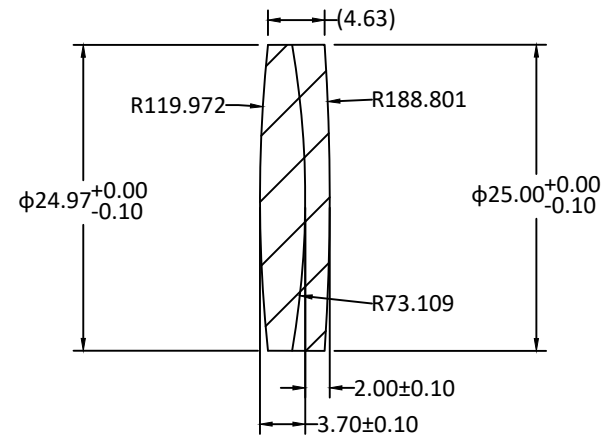
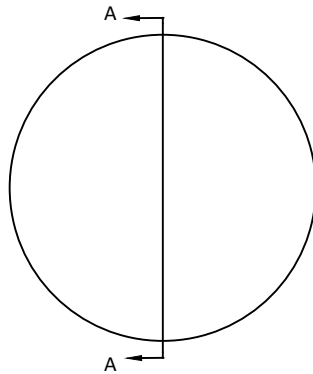



RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
119.972 CX	±0.12	3	1	24	24.97	+0/-0.1	N-BK7	517-642	3.70	±0.10
73.109	±0.07	3	1	24	25.00	+0/-0.1	N-SF5	673-322	2.00	±0.10
188.801 CX	±0.19	3	1	24						



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: 175MM ± 2%
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: SINGLE LAYER MGF2@550NM PER MIL-C-675C, MODERATE ABRASION
12. 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 12.12.24			
INTERPRET GEOMETRIC TOLERANCING PER:		CHECK		TITLE: DIAMETER 25MM, EFL 175MM, MgF2 COATED, ACHROMAT LENS		
MATERIAL		ENG APPR.				
FINISH		MFG APPR.		SIZE DWG.NO. REV <b>A</b> L-AC0020175025 <b>0</b>		
DO NOT SCALE DRAWING		QA	Ann Chen 12.18.24			
PROJECT NO.		COMMENTS		SCALE: 1:1	WEIGHT:	SHEET 1 OF 1