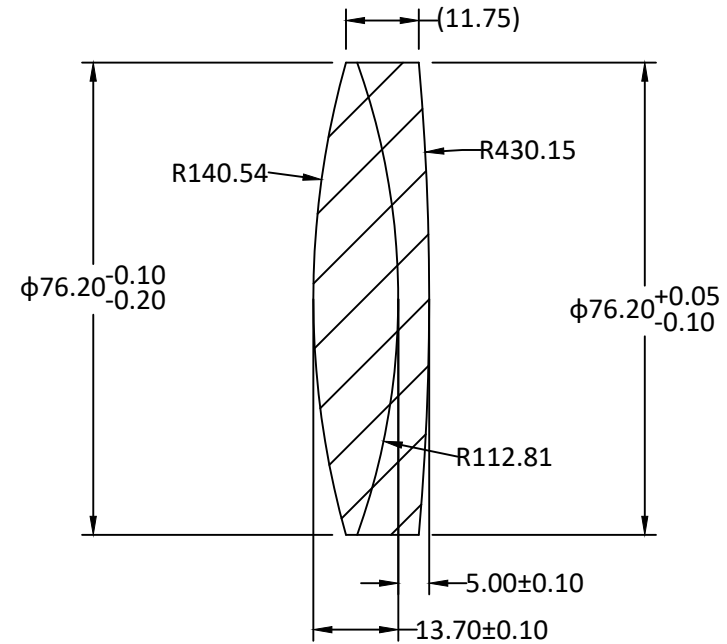
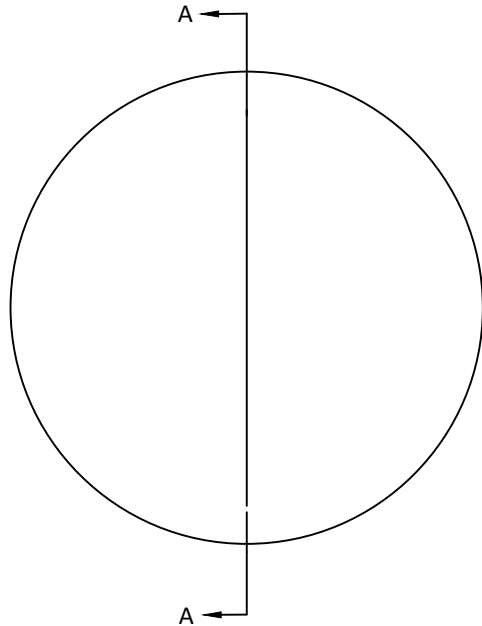


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
140.54 CX	±0.25%	5	2	90%	76.20	-0.1/-0.2	N-BK7	517-642	13.70	±0.10
112.81	±0.25%	5	2	90%	76.20	+0.05/-0.1	N-SF2	648-338	5.00	±0.10
430.15 CX	±0.25%	5	2	90%						



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: 0.5×45° MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3.0' MINUTES MAX
- EFL: 250MM ± 2%
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: SINGLE LAYER MGF2@550NM PER MIL-C-675C, MODERATE ABRASION
- 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	12.16.24	TITLE: DIAMETER 76.2MM, EFL 250MM, MgF2 COATED, ACHROMAT LENS	
		CHECK				
		ENG APPR.				
		MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	SIZE DWG.NO. REV A L-AC002025076Z 0	
MATERIAL		COMMENTS				
FINISH						
DO NOT SCALE DRAWING	PROJECT NO.			SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



TITLE:

DIAMETER 76.2MM, EFL 250MM, MgF2 COATED, ACHROMAT LENS

SIZE DWG.NO. REV
A L-AC002025076Z **0**