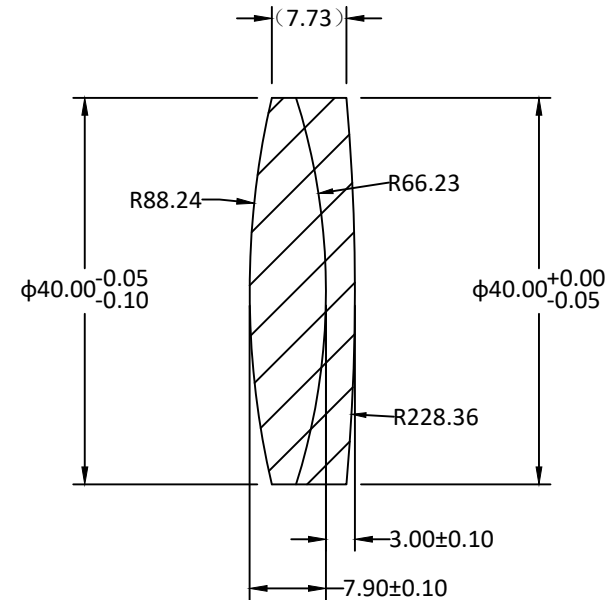
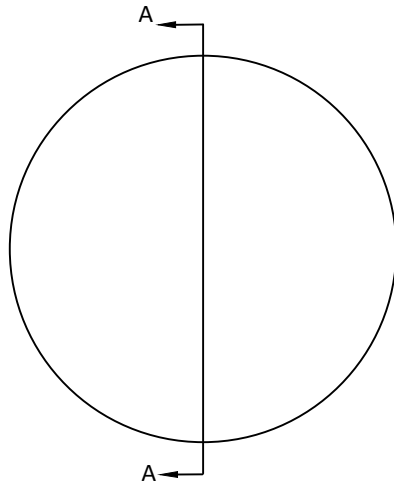


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
88.24 CX	±0.18	3	1	90%	40.00	-0.05/-0.10	N-BK7	517-642	7.90	±0.10
-66.23	±0.13	3	1	90%	40.00	+0/-0.05	N-SF2	648-339	3.00	±0.10
-228.36 CX	±0.46	3	1	90%						



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: 150MM $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: SINGLE LAYER MGF2@550NM PER MIL-C-675C, MODERATE ABRASION
- CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL $\pm$ ANGULAR: ± 3 ARC MIN TWO PLACE DECIMAL: ± 0.10 THREE PLACE DECIMAL: ± 0.05	DRAWN	Sally Song	12.14.24		
	CHECK				
	ENG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:	MFG APPR.			TITLE: DIAMETER 40MM, EFL 150MM, MgF2 COATED, ACHROMAT LENS	
MATERIAL	QA	Ann Chen	12.18.24		
FINISH	COMMENTS			SIZE	DWG.NO.
DO NOT SCALE DRAWING	PROJECT NO.			A	L-AC0020150040
				SCALE: 1:1	WEIGHT:
				SHEET 1 OF 1	
				REV	0