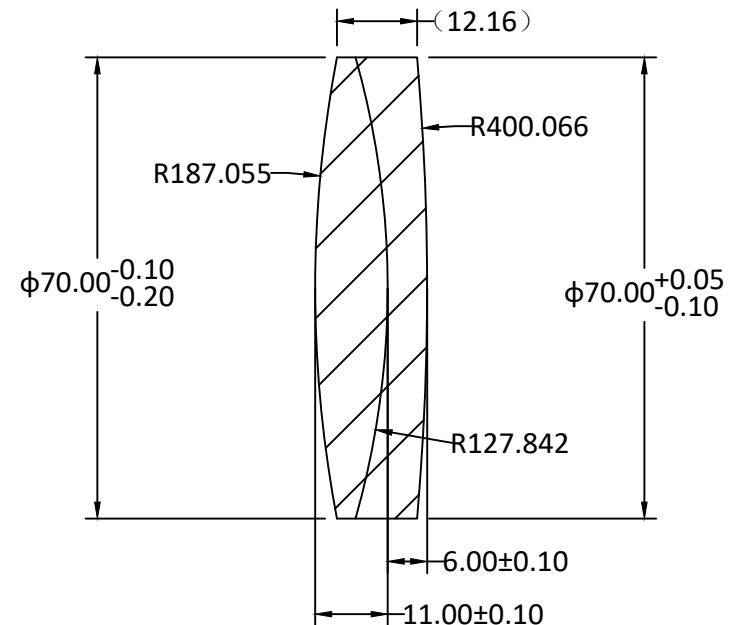
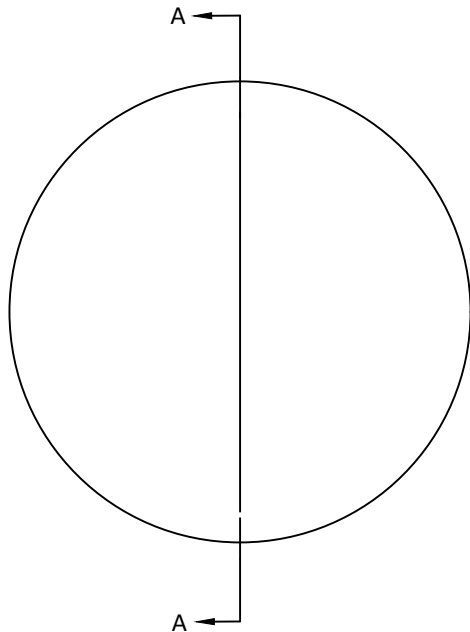


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
187.055 CX	±0.47	2	2	90%	70.00	-0.1/-0.2	N-BK7	517-642	11.00	±0.10
127.842	±0.32	3	2	90%	70.00	+0.05/-0.1	N-SF2	648-338	6.00	±0.10
400.066 CX	±1.00	3	2	90%						



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: 0.5x45° MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3.0' MINUTES MAX
- EFL: 300MM $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: Ravg $< 0.8\%$ @ 400-950nm @ 0° AOI
- CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:			NAME	DATE	 OPTICAL MANUFACTURER FROM CHINA		
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			
		CHECK					
		ENG APPR.					
		MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	TITLE: DIAMETER 70MM, EFL 300MM, VIS-NIR1 COATED, ACHROMAT LENS		
MATERIAL	COMMENTS			SIZE		DWG.NO.	REV
FINISH				A		L-AC0040300070	0
DO NOT SCALE DRAWING	PROJECT NO.			SCALE: 1:1	WEIGHT:	SHEET 1 OF 1	