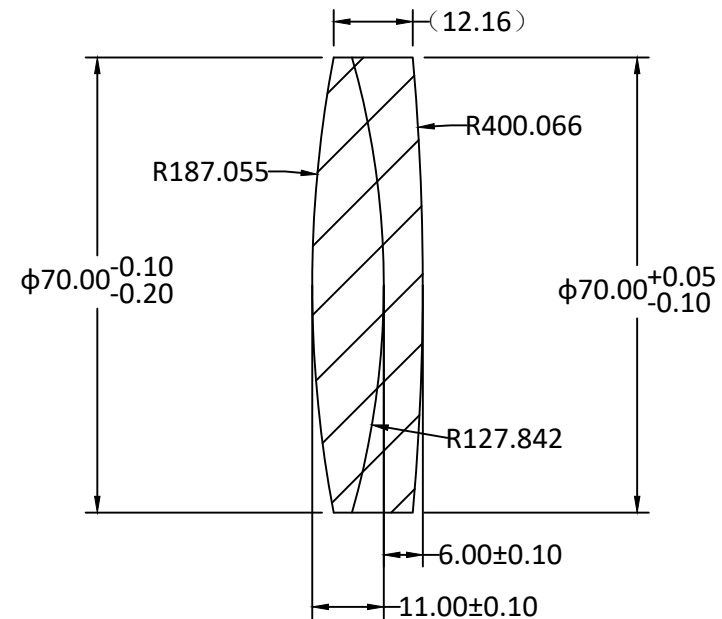
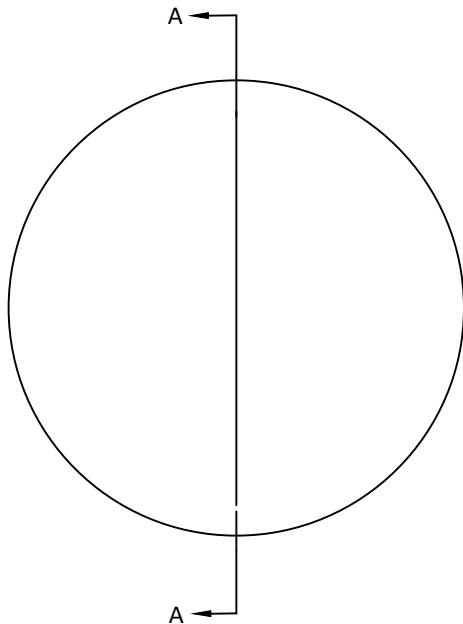


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
187.055 CX	±0.47	2	2	90%	70.00	-0.1/-0.2	N-BK7	517-642	11.00	±0.10
127.842	±0.32	3	2	90%	70.00	+0.05/-0.1	N-SF2	648-338	6.00	±0.10
400.066 CX	±1.00	3	2	90%						



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: $0.5 \times 45^\circ$ MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3.0' MINUTES MAX
- EFL: 300MM $\pm 2\%$
- 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	 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, MgF2 COATED, ACHROMAT LENS		
MATERIAL	COMMENTS					
FINISH						
DO NOT SCALE DRAWING	PROJECT NO.			SIZE A	DWG.NO. L-AC0020300070	REV 0
		SCALE: 1:1		WEIGHT:		SHEET 1 OF 1