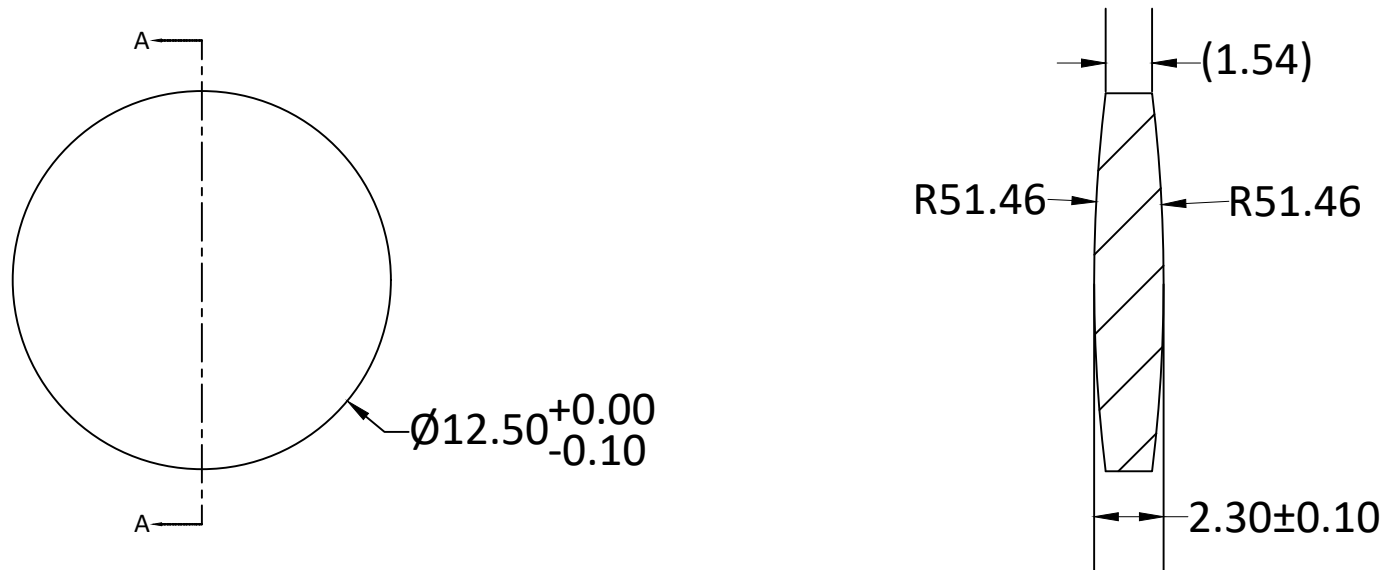


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
51.46 CX	±0.25%	3	1	90%	12.50	+0/-0.10	H-K9L	517642	2.30	±0.10
51.46 CX	±0.25%	3	1	90%						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 0.10
3. MATERIAL: GRADE B, FA PER MIL-G-174, CDGM OR EQUIVALENT, ROHS COMPLIANT
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. FOCAL LENGTH(EFL): 50mm $\pm 2\%$
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.25 $\times$ 45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE:3.0' MINUTES MAX
10. COATING: S1 & S2: Ravg 0.5% @ 630-1100nm @ 0°AOI

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			
INTERPRET GEOMETRIC TOLERANCING PER:		CHECK		TITLE: DIAMETER 12.5MM, EFL 50MM, H-K9L, NIR 1 COATED, BICONVEX LENS	
		ENG APPR.			
		MFG APPR.			
MATERIAL H-K9L		QA	Ann Chen	01.18.25	
FINISH		COMMENTS			
DO NOT SCALE DRAWING	PROJECT NO.	SCALE:		WEIGHT:	SHEET 1 OF 1
		SIZE A	DWG.NO. L-DX005005012Y		REV 0