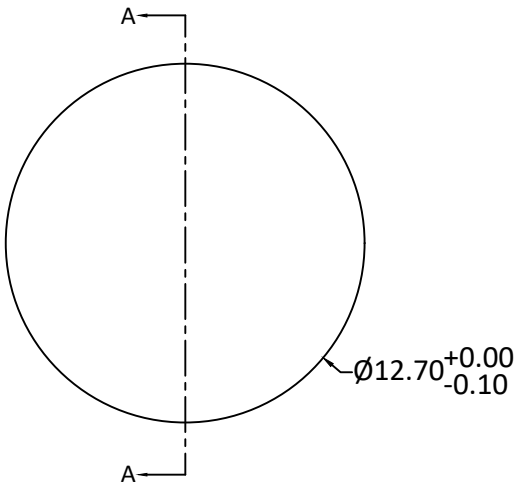
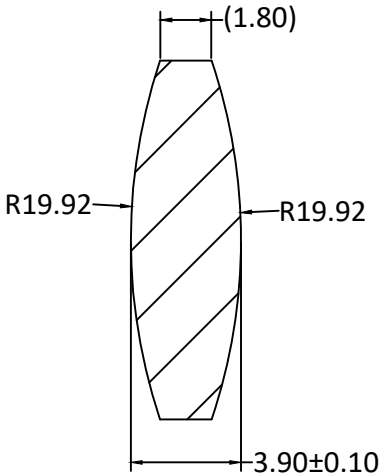
RADIUS	R TOL	POWER	IRRG	CA
19.92 CX	-	3	1	90%
19.92 CX	-	3	1	90%

DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
12.70	+0/-0.10	H-K9L	517642	3.90	±0.10





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): 20mm±1%
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.25×45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE:＜3arcmin
10. COATING:NONE

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		
	CHECK		
	ENG APPR.		
	MFG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	01.18.25
MATERIAL H-K9L	COMMENTS		
FINISH			
DO NOT SCALE DRAWING	PROJECT NO.		

CIZ OPTICAL
MANUFACTURER FROM CHINA

TITLE:
DIAMETER 12.70mm, EFL 20mm, H-K9L BICONVEX LENS

SIZE	DWG.NO.	REV
A	L-DX01221	0

SCALE:	WEIGHT:	SHEET 1 OF 1