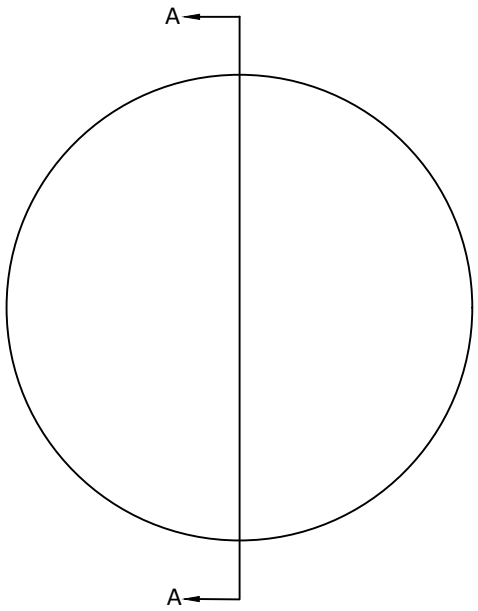
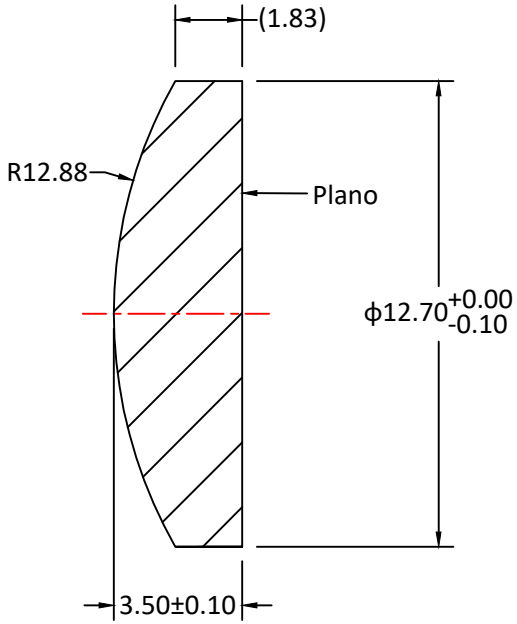
RADIUS	R TOL	POWER	IRRG	CA
12.88 CX	-	3	0.5	90%
Plano	-	3	0.5	90%

DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
12.70	+0/-0.1	H-K9L	517642	3.50	±0.10





SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 0.10
3. MATERIAL: OPTICAL GLASS H-K9L
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. FOCAL LENGTH(EFL): 25.00mm±1%
7. SURFACE QUALITY : 40-20 SCRATCH-DIG
8. CHAMFER EDGES: 0.5mm×45°MAX UNLESS SPECIFIED
9. CENTRATION TOLERANCE: ＜3 arcmin
10. COATING: UNCOATED

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN mm
TOLERANCES:
FRACTIONAL ±
ANGULAR: ±3 ARC MIN
TWO PLACE DECIMAL: ±0.10
THREE PLACE DECIMAL: ±0.05

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL
H-K9L

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	Ann	10.31.26
CHECK		
ENG APPR.		
MFG APPR.		
QA		

COMMENTS

PROJECT NO.

CLZ OPTICAL
MANUFACTURER FROM CHINA

TITLE:
DIAMETER 12.70mm, EFL 25.00mm, H-K9L PLANO CONVEX LENSES

SIZE	DWG.NO.	REV
A	L-PX01222	0

SCALE:	WEIGHT:	SHEET 1 OF 1