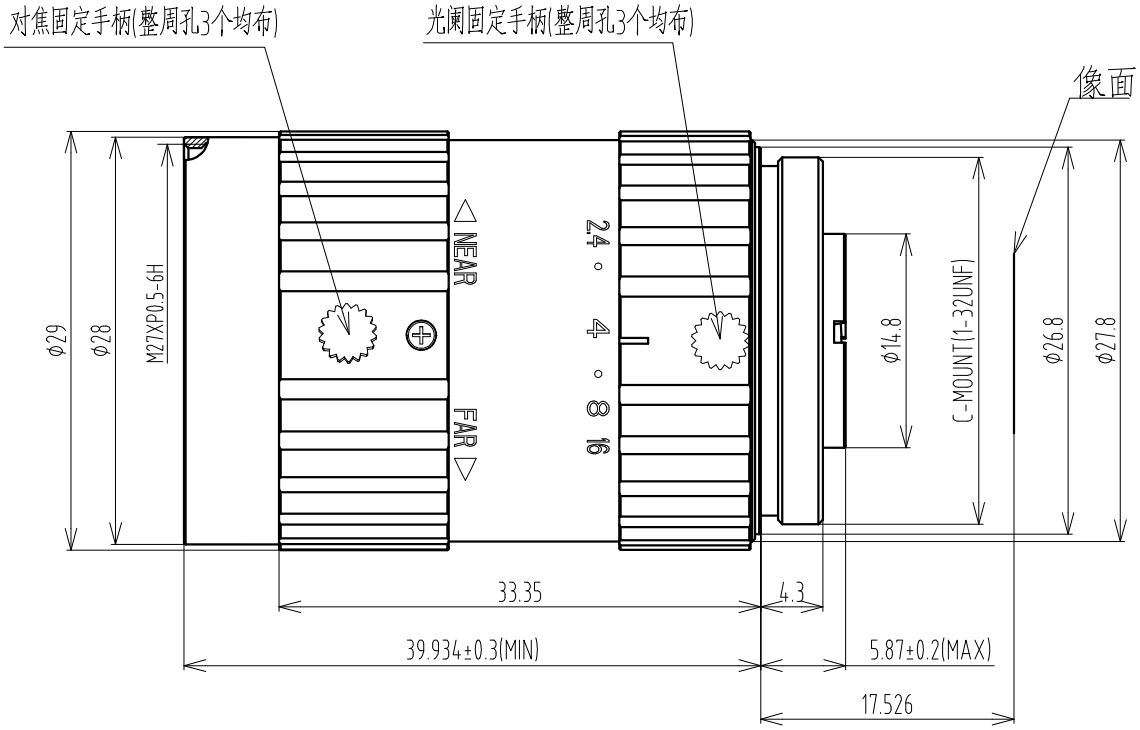

1/1.7" F2.4/8 C Mount					Working distance	Optical Magnification	1/1.7" Field of View(mm)	
Focal Length		f=8mm			mm		H	V
Max Diameter (Ratio)		F=1:2.4~16			5000	0.002X	4679.6	3535.7
Picture Size		1/1.7"(7.4×5.6mm)	1/2"(6.4×4.8mm)	1/3"(4.8×3.6mm)	2000	0.004X	1878.0	1418.9
Angle	H	49.65°	43.71°	33.45°	1000	0.008X	944.1	713.3
	V	38.58°	33.48°	25.40°	900	0.009X	850.7	642.7
	D	60.23°	53.25°	41.17°	800	0.010X	757.3	572.2
Object Dimension at 200mm	H	196.9mm	170.2mm	127.3mm	700	0.011X	663.9	501.6
	V	148.7mm	127.3mm	95.2mm	600	0.013X	570.5	431.0
	D	246.7mm	213.0mm	159.5mm	550	0.014X	523.8	395.8
Distortion (TV)		△4 <|-0.5%|	<|-1.39%|	<|-1.07%|	500	0.016X	477.1	360.5
Focus distance(min)		0.12m			450	0.017X	430.4	325.2
Flange back		17.526mm in air			400	0.019X	383.7	289.9
Back focus		11.6mm(min)			350	0.022X	337.0	254.6
Filter screw size		M27 X P0.5			300	0.026X	290.3	219.3
Front/Rear Effective Dia		Front Φ19.6mm Rear Φ10.9mm			250	0.031X	243.6	192.0
Mount		C-Mount			200	0.038X	196.9	148.7
Temperature Range		-10~+50°C			150	0.05X	150.1	113.4
Storage Temperature Range		-20~+60°C			120	0.061X	122.1	92.2

TOLERANCE:
. LINEARITY TOLERANCES ±0.05
. ANGULAR TOLERANCES ARE±30'
. DRAFT ANGLES AREA±0.5°/SIDE

三角法

材 料(环 保)

单位	比例
mm	2:1

版本	处数	更改文件号	担当	变更日期	批准
△4	1	FA0813A2025081101		2025-08-11	设计
△3	1	FA0813A2023120401		2023.12.4	校对
△2	2	FA0813A2023032301		2023.3.23	审核

名称: C-FA0813A 规格书

部番: C-FA0813A-SPEC

页码 1/1

版本 V04

A4

CHIOPT