



1/1.7" F2.4/6 C Mount $\triangle 3$				Working distance	Optical Magnification	1/1.7" Field of View(mm)			
Focal Length		f=6mm		mm		H	V		
Max Diameter (Ratio)		F=1:2.4 ~ 16		5000	0.0012X	6366.1	4801.3		
Picture Size	1/1.7"(7.4x5.6mm)		1/2"(6.4x4.8mm)	2000	0.003X	2556.9	1928.5		
	Angle	H	64.06°	56.78°	43.97°	1000	0.0059X	1284.0	968.3
		V	50.55°	44.15°	33.71°	900	0.0065X	1157.0	872.4
D	D	76.02°	68.07°	53.55°	800	0.007X	1029.9	776.6	
Object Dimension at 150mm	H	203.58mm	175.88mm	131.97mm	700	0.008X	902.9	680.8	
	V	153.64mm	131.97mm	98.59mm	600	0.010X	775.8	585.0	
	D	254.34mm	219.79mm	164.19mm	550	0.011X	712.3	537.1	
Distortion (TV)		<-1.23%	<-1.35%	<-0.96%	500	0.012X	649.1	489.4	
Focus distance(min)		0.10m		450	0.013X	585.3	441.2		
Flange back		17.526mm in air		400	0.014X	521.8	393.3		
Back focus		11.737mm(min)		350	0.016X	458.2	345.4		
Filter screw size		\		300	0.020X	394.7	297.5		
Front/Rear Effective Dia		Front $\phi 22.722$ mm Rear $\phi 10.11$ mm		250	0.023X	331.2	249.6		
Mount		C-Mount		200	0.028X	267.7	201.7		
Temperature Range		-10 ~ +50°C		150	0.037X	203.6	153.6		
Storage Temperature Range		-20 ~ +60°C		100	0.054X	140.5	105.8		

				TOLERANCE : LINEARITY TOLERANCES ± 0.05 ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE		三角法		材料(环保)		单位	比例
										mm	2:1
				设计		名称		C-FA0613A 规格书		页码	
$\triangle 3$				1 FA0613A2025032401		2025.3.24		校对		1/1	
$\triangle 2$				1 FA0613A2023120401		2023.12.4		审核		版本	
版本		处数		更改文件		担当		变更日期		批准	
1号										V03	