



1/1.8" F2.8 C Mount			Working distance	Optical Magnification	1/1.8" Field of View(mm)	
Focal Length	f=75mm		mm		H	V
F/NO	F=2.8-22		6000	0.013X	553.8	409.2
Image Size	1/1.8"(7.2x5.3mm)	1/2.5"(5.76x4.32mm)	1/3"(4.8x3.6mm)	5000	0.015X	480 354.7
Angle FOV	H	5.4	4.4	3.66	4000	0.019X 378.9 280
	V	4.04	3.3	2.75	3000	0.026X 276.9 204.6
	D	5.84	5.4	4.6	2000	0.039X 184.6 136.4
Object Dimension at WD.500mm	H	40.5	32.6	26.96	1500	0.053X 135.8 100.4
	V	29.9	24.26	20.22	1000	0.081X 88.9 65.7
	D	50.3	40.5	33.7	950	0.086X 83.7 61.9
Distortion (TV)	<0.05%		900	0.091X	79.1	58.5
Focus distance(min)	500mm		850	0.097X	74.2	54.9
Flange back	17.526mm in air		800	0.104X	69.2	51.2
Back focus	42.2-55.5mm in air		750	0.112X	64.3	47.5
Filter screw size	M30.5xP0.5		700	0.121X	59.5	44
Front/Rear Effective Dia	Front $\phi$ 24mm Rear $\phi$ 14.5mm		650	0.131X	55	40.6
Mount	C-Mount		600	0.144X	50	36.9
Temperature Range	-10~+50°C		550	0.159X	45.3	33.5
Storage Temperature Range	-20~+60°C		500	0.178X	40.5	29.9

				TOLERANCE: LINEARITY TOLERANCES $\pm$ 0.05 ANGULAR TOLERANCES ARE $\pm$ 30" DRAFT ANGLES AREA $\pm$ 0.5°/SIDE			三角法	材料(环保)	单位	比例
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3	2	CHP	2021,08,16	设计	朱周德	2016-09-05	BTCH-FA7501C-5M	名称	页码	
2	1	朱周德	2019,01,23	校对					1/1	
1	1	朱周德	2017,09,11	审核					版本	
标记	处数	更改文件号	担当	变更日期	批准		代号		V3	