



1/1.8" F2 C Mount				Working distance	Optical Magnification	1/1.8" Field of View(mm)		
Focal Length		f=4mm		mm		H	V	
F/NO		F=2-C		900	0.005X	1574	1181	
Image Size		1/1.8"(7.2x5.3mm)	1/2.5"(5.76x4.32mm)	1/3"(4.8x3.6mm)	850	0.005X	1489	1116
Angle FOV	H	82.9	70.7	61.1	800	0.005X	1403	1052
	V	66.5	56.7	47.5	750	0.005X	1317	988
	D	94	82.9	78.2	700	0.006X	1233	942
Object Dimension at WD.250mm	H	459mm	375mm	311mm	650	0.006X	1147	860
	V	344mm	279mm	231mm	600	0.007X	1060	796
	D	574mm	459mm	391mm	550	0.007X	974	731
Distortion (TV)		<0.5%		500	0.008X	889	667	
Focus distance(min)		0.1m		450	0.009X	803	602	
Flange back		17.526mm in air		400	0.010X	717	538	
Back focus		8.7mm in air		350	0.011X	631	473	
Filter screw size		无		300	0.013X	544	409	
Front/Rear Effective Dia		Front $\phi$ 32.6mm Rear $\phi$ 7mm		250	0.016X	459	344	
Mount		C-Mount		200	0.020X	374	281	
Temperature Range		-10~+50°C		150	0.026X	288	216	
Storage Temperature Range		-20~+60°C		100	0.037X	202	151	

TOLERANCE:		三角法		材料(环保)		单位	比例
LINEARITY TOLERANCES $\pm$ 0.05		---		---		mm	2:1
ANGULAR TOLERANCES ARE $\pm$ 30°		---		---		---	
DRAFT ANGLES AREA $\pm$ 0.5°/SIDE		---		---		---	
4	2	朱周德	2017,09,14	设计	朱周德	2016-03-01	名称
3	1	朱周德	2017,09,11	校对			BTCH-FA0401C-5M
2	1	朱周德	2016,08,16	审核			1/1
1	1	朱周德	2016,06,07	批准			版本
标记	处数	更改文件号	担当	变更日期	批准	代号	V4