



1/1.8" F2.0 C Mount				Working distance	Optical Magnification	1/1.8" Field of View(mm)		
Focal Length		f=16mm		mm		H	V	
F/NO		F=2.0-C		900	0.018X	403.5	302.6	
Image Size		1/1.8"(7.2x5.32mm)	1/2.5"(5.76x4.32mm)	1/3"(4.8x3.6mm)	850	0.019X	381	285.8
Angle FOV	H	24.7°	20.6°	17.4°	800	0.020X	358.6	268.9
	V	18.2°	15.8°	13.5°	750	0.021X	336.2	252.1
	D	30.3°	25.2°	21.3°	700	0.023X	313.8	235.3
Object Dimension at WD.300mm	H	134.4mm	107.7mm	89.0mm	650	0.025X	291.3	218.5
	V	100.8mm	80.8mm	66.7mm	600	0.027X	268.9	201.7
	D	167.9mm	134.6mm	112.2mm	550	0.029X	216.5	184.9
Distortion (TV)		<0.1%		500	0.032X	224.1	168	
Focus distance(min)		0.1m		450	0.036X	201.6	151.2	
Flange back		17.526mm in air		400	0.040X	179.2	134.4	
Back focus		12.7mm in air		350	0.046X	156.8	117.6	
Filter screw size		M25.5xP0.5		300	0.054X	134.4	100.8	
Front/Rear Effective Dia		Front ϕ 15.2mm Rear ϕ 6mm		250	0.064X	111.9	83.9	
Mount		C-Mount		200	0.080X	89.5	67.1	
Temperature Range		-10~+50°C		150	0.107X	67.1	50.3	
Storage Temperature Range		-20~+60°C		100	0.162X	44.6	33.5	

				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	朱周德	2015-11-11		名称		FA1601C规格图	
				校对				代号		FA1601C-SPEC	
				标记	处数	更改文件号	担当	变更日期	批准	页码	
										1/1	
										版本	
										V2	