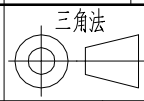


1/1.8" F2.8 C Mount

		Working distance			Optical Magnification	1/1.8" Field of View(mm)		
Focal Length	f=50mm	mm				H	V	
F/NO	F=2.8-22	1200	0.043X	164.2	112.6			
Image Size	1/1.8"(7.2x5.3mm) 1/2.5"(5.76x4.32mm) 1/3"(4.8x3.6mm)	1100	0.047X	150.0	112			
Angle FOV	H	8.2	6.6	5.5	1000	0.052X	135.8	101.4
	V	6.1	4.9	4.1	950	0.055X	128.7	96.1
	D	10.2	8.2	6.9	900	0.059X	121.6	90.8
Object Dimension at WD.300mm	H	36.1	29.4	24.5	850	0.062X	114.5	85.5
	V	27.1	22.1	18.4	800	0.066X	107.4	80.2
	D	45	36.1	30.6	750	0.071X	100.3	74.9
Distortion (TV)	<0.05%	700	0.076X	93.2	69.6			
Focus distance(min)	300mm	650	0.083X	86.1	64.3			
Flange back	17.526mm in air	600	0.090X	78.9	59			
Back focus	17.4-27.1mm in air	550	0.099X	71.9	53.7			
Filter screw size	M28.5xP0.5	500	0.110X	64.8	48.4			
Front/Rear Effective Dia	Front ϕ 17.4mm Rear ϕ 8mm	450	0.124X	57.6	43.1			
Mount	C-Mount	400	0.141X	50.5	37.7			
Temperature Range	-10~+50°C	350	0.164X	43.4	32.4			
Storage Temperature Range	-20~+60°C	300	0.196X	36.1	27.1			

TOLERANCE:
 LINEARITY TOLERANCES ± 0.05
 ANGULAR TOLERANCES ARE $\pm 30'$
 DRAFT ANGLES ARE $\pm 0.5^\circ$ /SIDE



材料(环保) 单位 比例
 --- mm 2:1

		设计		2016-09-12		名称		FA5001C规格图		页码	
\triangle	1	朱周德	2019,01,23	校对							1/1
\triangle	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				FA5001C-SPEC		V2