



C21
CL21 series

金属化聚酯膜电容器(浸渍型) Metallized polyester film capacitor(Dipped)

■ 外形图 Outline Drawing

	Forming Lead Shapes			
	I	II	III	IV
	$P > F$		$P < F$	
	$0\text{mm} < P-F < 3\text{mm}$	$3\text{mm} < P-F < 8\text{mm}$	$3\text{mm} < F-P < 5\text{mm}$	$0\text{mm} < F-P < 3\text{mm}$

$F \pm 0.8\text{mm}$; $A \leq 5.0\text{mm}$; $B = 4.5 \pm 0.5\text{mm}$

■ 特点

- 金属化聚酯膜, 无感卷绕结构
- 容量范围宽, 体积小, 重量轻
- 自愈性好, 寿命长
- 阻燃性环氧粉末封装

■ 主要用途

- 适用于直流和VHF级信号的隔直流、旁路和耦合
- 广泛用于滤波、低脉冲电路

■ Features

- Metallized polyester film, non-inductive wound construction
- Wide capacitance range, small size, and light weight
- Long life due to self-healing effect
- Flame retardant epoxy resin coating

■ Typical Applications

- Suitable for blocking, by-pass and coupling of DC and signals to VHF range
- Widely used in filter and low pulse circuits

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 7332 (IEC 60384-2)					
气候类别 Climatic Category	55/105/21					
额定温度 Rated Temperature	85℃					
工作温度范围 Operating Temperature Range	-55℃~105℃ (+85℃ to +105℃: decreasing factor 1.25% per ℃ for UR)					
额定电压 Rated Voltage	50/63V、100V、250V、400V、630V、1 000V、1 250V					
电容量范围 Capacitance Range	0.010μF~10.0μF					
电容量偏差 Capacitance Tolerance	± 5%(J), ± 10%(K)					
耐电压 Voltage Proof	1.6UR (5s)					
损耗角正切 Dissipation Factor	≤ 1.0% (20℃, 1kHz)					
绝缘电阻 Insulation Resistance	UR ≤ 100V	≥ 15 000MΩ, CR ≤ 0.33μF ≥ 5 000s, CR > 0.33μF (20℃, 10V, 1min)				
	UR > 100V	≥ 30 000MΩ, CR ≤ 0.33μF ≥ 10 000s, CR > 0.33μF (20℃, 100V, 1min)				
最大脉冲爬升速率Maximum Pulse Rise Time (dV/dt): 若实际工作电压U比额定电压UR低, 电容器可工作在更高的dV/dt场合。这样dV/dt允许值应为右表值乘以UR/U。 If the working voltage (U) is lower than the rated voltage (UR),the capacitor can be worked at a higher dV/dt.In this case, the maximum allowed dV/dt is obtain by multiplying the right value with UR/U.	UR(V)	dV/dt(V/μs)for Pattern III				
		P=7.5	P=10.0	P=15.0	P=22,5	P=27,5
	50/63	7.5	6	3	2	--
	100	15	9	5	3	--
	250	30	20	12	8	5
	400	40	30	20	10	7
	630	--	40	25	12	10
	1 000	70	60	30	15	12
	1 250	80	70	40	18	14

产品编码说明 Part number system

■ 18位产品代码如下:

The 18 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C	2	1															

第1~3位	型号代码 C21= CL21	Digit 1 to 3	Series code C21= CL21
第4~5位	直流额定电压 1H=50V 1J=63V 2A=100V 2E=250V 2G=400V 2J=630V 3A=1 000V 3B=1 250V	Digit 4 to 5	DC rated voltage 1H=50V 1J=63V 2A=100V 2E=250V 2G=400V 2J=630V 3A=1 000V 3B=1 250V
第6~8位	标称容量 举例: $103=10 \times 10^3 \text{ pF}=0.01\mu\text{F}$	Digit 6 to 8	Rated capacitance value For example: $103=10 \times 10^3 \text{ pF}=0.01\mu\text{F}$
第9位	容量偏差 J= $\pm 5\%$, K= $\pm 10\%$, M= $\pm 20\%$	Digit 9	Capacitance tolerance J= $\pm 5\%$, K= $\pm 10\%$, M= $\pm 20\%$
第10位	引线脚距 P 3=7.5mm 4=10.0mm 5=12.5mm 6=15.0mm 8=20.0mm A=22.5mm A=25.0mm B=27.5mm C=30.0mm	Digit 10	Pitch 3=7.5mm 4=10.0mm 5=12.5mm 6=15.0mm 8=20.0mm A=25.0mm A=25.0mm B=27.5mm C=30.0mm
第11位	内部特征码 A=Ⅲ型 S=Ⅱ型	Digit 11	Internal use A=Pattern Ⅲ S=Pattern Ⅱ
第12~15位	引线加工和包装代码	Digit 12 to 15	Lead form and packaging code
第16~18位	内部特征码	Digit 16 to 18	Internal use

■ Table1 引线加工和包装代码 Lead form and packaging code

第12位 Digit 12		第13位 Digit 13		第14位 Digit 14		第15位 Digit 15	
代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation
A	弹带包装 ammo-pack	2	F=5.0mm	1	表示弯脚 kinked	A	产品在连续的两个载带孔之间 each cap. between two consecutive holes P3=12.7mm,H=20.0mm (For pitch=5.0/7.5mm)
		3	F=7.5mm			E	P3=25.4mm;H=20.0mm (For pitch=10.0/15.0mm)
		4	F=10.0mm				(Detail parameter refer to pag 18)
		6	F=15.0mm				
F	引线成型 lead kinked	2	F=5.0mm	0	B=4.5mm (the length of B)	0	B的长度偏差 ± 0.5mm B Length tolerance ± 0.5mm
		3	F=7.5mm				
		4	F=10.0mm				
		6	F=15.0mm				
Y	直脚 straight lead “Y” in the figure above	代码 Code	说明 explanation			0	引线长度偏差 ± 0.5mm Length tolerance ± 0.5mm
		45	引线长度 4.5mm lead length 4.5mm				
第12-15位代码为“C000”表示标准的引线长度(20mm~30mm) Digit12-15 code “C000” means standard lead length (20mm~30mm)							



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■ 外形尺寸 Dimensions(mm)

Pattern III (Reduced sizes, Recommended design)

50Vdc(30Vac)/63Vdc(40Vac)#							100Vdc(63Vac)							250Vdc(160Vac)						
C _R (μF)	W max	H max	T max	P	d	Part number	C _R (μF)	W max	H max	T max	P	d	Part number	C _R (μF)	W max	H max	T max	P	d	Part number
0.12	9.8	7.0	4.0	7.5	0.6	C211J124-3A*****	0.12	9.8	7.0	4.0	7.5	0.6	C212A124-3A*****	0.010	9.8	6.5	3.5	7.5	0.6	C212E103-3A*****
0.15	9.8	7.8	4.1	7.5	0.6	C211J154-3A*****	0.15	9.8	7.8	4.1	7.5	0.6	C212A154-3A*****	0.012	9.8	6.7	3.7	7.5	0.6	C212E123-3A*****
0.18	9.8	7.5	3.9	7.5	0.6	C211J184-3A*****	0.18	9.8	7.5	3.9	7.5	0.6	C212A184-3A*****	0.015	9.8	7.4	3.8	7.5	0.6	C212E153-3A*****
0.22	9.8	7.8	4.1	7.5	0.6	C211J224-3A*****	0.22	9.8	7.8	4.1	7.5	0.6	C212A224-3A*****	0.018	9.8	7.6	4.0	7.5	0.6	C212E183-3A*****
0.27	9.8	8.1	4.5	7.5	0.6	C211J274-3A*****	0.27	9.8	8.1	4.5	7.5	0.6	C212A274-3A*****	0.022	9.8	7.4	3.8	7.5	0.6	C212E223-3A*****
0.33	9.8	7.7	4.1	7.5	0.6	C211J334-3A*****	0.33	9.8	8.5	4.8	7.5	0.6	C212A334-3A*****	0.027	9.8	7.7	4.1	7.5	0.6	C212E273-3A*****
0.39	9.8	8.0	4.3	7.5	0.6	C211J394-3A*****	0.39	9.8	8.8	5.2	7.5	0.6	C212A394-3A*****	0.033	9.8	7.3	3.7	7.5	0.6	C212E333-3A*****
0.47	9.8	8.3	4.6	7.5	0.6	C211J474-3A*****	0.47	9.8	9.2	5.6	7.5	0.6	C212A474-3A*****	0.039	9.8	7.5	3.9	7.5	0.6	C212E393-3A*****
0.56	9.8	8.6	5.0	7.5	0.6	C211J564-3A*****	0.56	12.3	8.8	5.2	10.0	0.6	C212A564-4A*****	0.047	9.8	7.8	4.1	7.5	0.6	C212E473-3A*****
0.68	9.8	9.0	5.4	7.5	0.6	C211J684-3A*****	0.68	12.3	9.3	5.6	10.0	0.6	C212A684-4A*****	0.056	9.8	8.0	4.4	7.5	0.6	C212E563-3A*****
0.82	12.3	8.6	5.0	10.0	0.6	C211J824-4A*****	0.82	12.3	9.7	6.1	10.0	0.6	C212A824-4A*****	0.068	9.8	7.5	3.9	7.5	0.6	C212E683-3A*****
1.0	12.3	9.0	5.4	10.0	0.6	C211J105-4A*****	1.0	12.3	10.3	6.6	10.0	0.6	C212A105-4A*****	0.082	9.8	7.8	4.1	7.5	0.6	C212E823-3A*****
1.2	12.3	9.5	5.9	10.0	0.6	C211J125-4A*****	1.2	12.3	10.9	7.2	10.0	0.6	C212A125-4A*****	0.10	9.8	8.1	4.4	7.5	0.6	C212E104-3A*****
1.5	12.3	10.1	6.5	10.0	0.6	C211J155-4A*****	1.5	12.3	11.6	8.0	10.0	0.6	C212A155-4A*****	0.12	9.8	8.4	4.8	7.5	0.6	C212E124-3A*****
1.8	12.3	10.7	7.1	10.0	0.6	C211J185-4A*****	1.8	17.5	13.6	6.3	15.0	0.6	C212A185-6A*****	0.15	9.8	8.8	5.2	7.5	0.6	C212E154-3A*****
2.2	17.5	11.4	6.1	15.0	0.6	C211J225-6A*****	2.2	17.5	14.2	6.9	15.0	0.8	C212A225-6A*****	0.18	12.3	8.9	4.5	10.0	0.6	C212E184-4A*****
2.7	17.5	11.9	6.7	15.0	0.6	C211J275-6A*****	2.7	17.5	14.9	7.6	15.0	0.8	C212A275-6A*****	0.22	12.3	9.3	4.8	10.0	0.6	C212E224-4A*****
3.3	17.5	12.5	7.3	15.0	0.6	C211J335-6A*****	3.3	17.5	15.7	8.4	15.0	0.8	C212A335-6A*****	0.27	12.3	9.7	5.3	10.0	0.6	C212E274-4A*****
3.9	17.5	13.6	7.9	15.0	0.8	C211J395-6A*****	3.9	17.5	16.4	9.1	15.0	0.8	C212A395-6A*****	0.33	12.3	10.7	5.5	10.0	0.6	C212E334-4A*****
4.7	25.2	13.9	6.6	22.5	0.8	C211J475-9A*****	4.7	25.2	16.5	7.6	22.5	0.8	C212A475-9A*****	0.39	17.5	10.4	5.2	15.0	0.6	C212E394-6A*****
5.6	25.2	14.4	7.2	22.5	0.8	C211J565-9A*****	5.6	25.2	17.2	8.3	22.5	0.8	C212A565-9A*****	0.47	17.5	10.8	5.6	15.0	0.6	C212E474-6A*****
6.8	25.2	15.1	7.8	22.5	0.8	C211J685-9A*****	6.8	25.2	18.0	9.7	22.5	0.8	C212A685-9A*****	0.56	17.5	12.3	5.5	15.0	0.6	C212E564-6A*****
8.2	25.2	15.9	9.1	22.5	0.8	C211J825-9A*****	8.2	25.2	19.0	10.6	22.5	0.8	C212A825-9A*****	0.68	17.5	12.8	6.0	15.0	0.6	C212E684-6A*****
10.0	25.2	16.7	10.0	22.5	0.8	C211J106-9A*****	10.0	25.2	21.0	11.1	22.5	0.8	C212A106-9A*****	0.82	17.5	13.8	6.5	15.0	0.6	C212E824-6A*****
														1.0	17.5	14.4	7.1	15.0	0.6	C212E105-6A*****
														1.2	17.5	15.0	7.7	15.0	0.8	C212E125-6A*****
														1.5	17.5	15.9	9.1	15.0	0.8	C212E155-6A*****
														1.8	17.5	16.2	9.9	15.0	0.8	C212E185-6A*****
														2.2	25.2	15.6	8.8	22.5	0.8	C212E225-9A*****
														2.7	25.2	16.5	9.7	22.5	0.8	C212E275-9A*****
														3.3	25.2	17.4	10.6	22.5	0.8	C212E335-9A*****
														3.9	25.2	19.2	10.9	22.5	0.8	C212E395-9A*****
														4.7	25.2	20.3	11.9	22.5	0.8	C212E475-9A*****
														5.6	30.2	19.9	11.6	27.5	0.8	C212E565-BA*****
														6.8	30.2	21.1	12.8	27.5	0.8	C212E685-BA*****
														8.2	30.2	22.4	14.0	27.5	0.8	C212E825-BA*****
														10.0	30.2	23.9	15.5	27.5	0.8	C212E106-BA*****

- 备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%
 2. “****”表示引线加工和包装代码(见table 1)。“****”=lead form and packing code(refer to table 1)
 3. “#”当额定电压为50Vdc时,第4~5位是1H。“#”when the rated voltage is 50Vdc,the digit 4~5 is 1H.

■ 外形尺寸 Dimensions(mm)

Pattern III (Reduced sizes, Recommended design)

400Vdc(200Vac)						
C _R (μF)	W max	H max	T max	P	d	Part number
0.010	9.8	6.9	3.9	7.5	0.6	C212G103-3A****++
0.012	9.8	7.1	4.1	7.5	0.6	C212G123-3A****++
0.015	9.8	7.5	4.4	7.5	0.6	C212G153-3A****++
0.018	9.8	7.3	3.7	7.5	0.6	C212G183-3A****++
0.022	9.8	7.5	3.9	7.5	0.6	C212G223-3A****++
0.027	9.8	7.8	4.2	7.5	0.6	C212G273-3A****++
0.033	9.8	8.1	4.5	7.5	0.6	C212G333-3A****++
0.039	9.8	8.2	4.6	7.5	0.6	C212G393-3A****++
0.047	9.8	8.6	4.9	7.5	0.6	C212G473-3A****++
0.056	12.3	8.8	4.3	10.0	0.6	C212G563-4A****++
0.068	12.3	9.1	4.7	10.0	0.6	C212G683-4A****++
0.082	12.3	9.4	5.0	10.0	0.6	C212G823-4A****++
0.10	12.3	9.9	5.4	10.0	0.6	C212G104-4A****++
0.12	12.3	10.3	5.9	10.0	0.6	C212G124-4A****++
0.15	17.5	10.6	5.4	15.0	0.6	C212G154-6A****++
0.18	17.5	11.0	5.8	15.0	0.6	C212G184-6A****++
0.22	17.5	11.5	6.3	15.0	0.6	C212G224-6A****++
0.27	17.5	12.0	6.8	15.0	0.6	C212G274-6A****++
0.33	17.5	12.7	7.4	15.0	0.6	C212G334-6A****++
0.39	17.5	13.7	8.0	15.0	0.8	C212G394-6A****++
0.47	17.5	14.4	9.2	15.0	0.8	C212G474-6A****++
0.56	17.5	15.1	9.9	15.0	0.8	C212G564-6A****++
0.68	17.5	16.0	10.8	15.0	0.8	C212G684-6A****++
0.82	17.5	17.0	11.8	15.0	0.8	C212G824-6A****++
1.0	25.2	17.5	9.1	22.5	0.8	C212G105-9A****++
1.2	25.2	18.3	9.9	22.5	0.8	C212G125-9A****++
1.5	25.2	19.4	11.0	22.5	0.8	C212G155-9A****++
1.8	30.2	19.1	10.8	27.5	0.8	C212G185-BA****++
2.2	30.2	21.2	11.3	27.5	0.8	C212G225-BA****++
2.7	30.2	22.4	12.5	27.5	0.8	C212G275-BA****++
3.3	30.2	23.8	13.9	27.5	0.8	C212G335-BA****++
3.9	30.2	25.1	15.1	27.5	0.8	C212G395-BA****++
4.7	30.2	26.6	16.7	27.5	0.8	C212G475-BA****++

630Vdc(220Vac)@						
C _R (μF)	W max	H max	T max	P	d	Part number
0.010	12.3	7.4	3.8	10.0	0.6	C212J103-4A****++
0.012	12.3	7.6	4.0	10.0	0.6	C212J123-4A****++
0.015	12.3	7.7	4.0	10.0	0.6	C212J153-4A****++
0.018	12.3	7.9	4.2	10.0	0.6	C212J183-4A****++
0.022	12.3	8.2	4.5	10.0	0.6	C212J223-4A****++
0.027	12.3	8.5	4.9	10.0	0.6	C212J273-4A****++
0.033	12.3	8.9	5.2	10.0	0.6	C212J333-4A****++
0.039	12.3	9.2	5.6	10.0	0.6	C212J393-4A****++
0.047	12.3	9.7	6.0	10.0	0.6	C212J473-4A****++
0.056	12.3	10.1	6.5	10.0	0.6	C212J563-4A****++
0.068	12.3	10.7	7.0	10.0	0.6	C212J683-4A****++
0.082	12.3	11.3	7.6	10.0	0.6	C212J823-4A****++
0.10	17.5	11.5	6.3	15.0	0.6	C212J104-6A****++
0.12	17.5	12.0	6.8	15.0	0.6	C212J124-6A****++
0.15	17.5	12.7	7.5	15.0	0.8	C212J154-6A****++
0.18	17.5	13.8	8.1	15.0	0.8	C212J184-6A****++
0.22	17.5	14.5	9.3	15.0	0.8	C212J224-6A****++
0.27	17.5	15.4	10.2	15.0	0.8	C212J274-6A****++
0.33	17.5	16.3	11.1	15.0	0.8	C212J334-6A****++
0.39	17.5	17.2	12.0	15.0	0.8	C212J394-6A****++
0.47	25.2	16.4	9.7	22.5	0.8	C212J474-9A****++
0.56	25.2	17.2	10.5	22.5	0.8	C212J564-9A****++
0.68	25.2	18.2	11.4	22.5	0.8	C212J684-9A****++
0.82	25.2	19.3	12.5	22.5	0.8	C212J824-9A****++
1.0	30.2	19.9	11.6	27.5	0.8	C212J105-BA****++
1.2	30.2	22.0	12.6	27.5	0.8	C212J125-BA****++
1.5	30.2	22.5	14.1	27.5	0.8	C212J155-BA****++
1.8	30.2	23.8	15.5	27.5	0.8	C212J185-BA****++
2.2	30.2	25.5	17.1	27.5	0.8	C212J225-BA****++

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M= ± 20%, K= ± 10%, J= ± 5%

2. “****”表示引线加工和包装代码(见table 1)。“****”=lead form and packing code(refer to table 1)

3. “@” Not suitable for across-the-line applications. Pls refer to Interference Suppression Capacitors.(Pag.116)



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■ 外形尺寸 Dimensions(mm)

Pattern III (Reduced sizes, Recommended design)

1 000Vdc(250Vac)@						
C _R (μF)	W max	H max	T max	P	d	Part number
0.0010	9.8	8.5	4.0	7.5	0.6	C213A102-3A*****
0.0012	9.8	8.7	4.3	7.5	0.6	C213A122-3A*****
0.0015	9.8	8.5	4.1	7.5	0.6	C213A152-3A*****
0.0018	9.8	8.7	4.3	7.5	0.6	C213A182-3A*****
0.0022	9.8	8.5	4.1	7.5	0.6	C213A222-3A*****
0.0027	9.8	8.8	4.4	7.5	0.6	C213A272-3A*****
0.0033	9.8	8.7	4.3	7.5	0.6	C213A332-3A*****
0.0039	9.8	8.9	4.5	7.5	0.6	C213A392-3A*****
0.0047	9.8	9.3	4.8	7.5	0.6	C213A472-3A*****
0.0056	12.3	8.5	4.1	10.0	0.6	C213A562-4A*****
0.0068	12.3	8.8	4.4	10.0	0.6	C213A682-4A*****
0.0082	12.3	9.1	4.7	10.0	0.6	C213A822-4A*****
0.010	12.3	9.4	5.0	10.0	0.6	C213A103-4A*****
0.012	12.3	9.8	5.4	10.0	0.6	C213A123-4A*****
0.015	12.3	10.8	5.6	10.0	0.6	C213A153-4A*****
0.018	12.3	11.3	6.1	10.0	0.6	C213A183-4A*****
0.022	12.3	11.9	6.7	10.0	0.6	C213A223-4A*****
0.027	17.5	11.8	5.0	15.0	0.6	C213A273-6A*****
0.033	17.5	12.3	5.5	15.0	0.6	C213A333-6A*****
0.039	17.5	12.7	5.9	15.0	0.6	C213A393-6A*****
0.047	17.5	13.2	6.5	15.0	0.8	C213A473-6A*****
0.056	17.5	13.8	7.0	15.0	0.8	C213A563-6A*****
0.068	17.5	14.5	7.7	15.0	0.8	C213A683-6A*****
0.082	17.5	15.2	8.5	15.0	0.8	C213A823-6A*****
0.10	17.5	16.6	9.7	15.0	0.8	C213A104-6A*****
0.12	25.2	15.3	8.3	22.5	0.8	C213A124-9A*****
0.15	25.2	16.2	9.2	22.5	0.8	C213A154-9A*****
0.18	25.2	17.1	10.1	22.5	0.8	C213A184-9A*****
0.22	25.2	18.1	11.1	22.5	0.8	C213A224-9A*****
0.27	25.2	20.2	11.7	22.5	0.8	C213A274-9A*****
0.33	30.2	20.1	11.6	27.5	0.8	C213A334-BA*****
0.39	30.2	21.2	12.6	27.5	0.8	C213A394-BA*****

1 250Vdc(250Vac)@						
C _R (μF)	W max	H max	T max	P	d	Part number
0.0010	9.8	8.5	4.0	7.5	0.6	C213B102-3A*****
0.0012	9.8	8.7	4.3	7.5	0.6	C213B122-3A*****
0.0015	9.8	8.5	4.1	7.5	0.6	C213B152-3A*****
0.0018	9.8	8.7	4.3	7.5	0.6	C213B182-3A*****
0.0022	9.8	8.5	4.1	7.5	0.6	C213B222-3A*****
0.0027	9.8	8.8	4.4	7.5	0.6	C213B272-3A*****
0.0033	9.8	9.1	4.7	7.5	0.6	C213B332-3A*****
0.0039	9.8	9.4	5.0	7.5	0.6	C213B392-3A*****
0.0047	12.3	8.7	4.2	10.0	0.6	C213B472-4A*****
0.0056	12.3	8.9	4.5	10.0	0.6	C213B562-4A*****
0.0068	12.3	9.2	4.8	10.0	0.6	C213B682-4A*****
0.0082	17.5	9.0	4.6	15.0	0.6	C213B822-6A*****
0.010	17.5	9.4	5.0	15.0	0.6	C213B103-6A*****
0.012	17.5	9.1	4.7	15.0	0.6	C213B123-6A*****
0.015	17.5	9.5	5.1	15.0	0.6	C213B153-6A*****
0.018	17.5	9.9	5.4	15.0	0.6	C213B183-6A*****
0.022	17.5	10.3	5.9	15.0	0.6	C213B223-6A*****
0.027	25.2	9.7	5.2	22.5	0.6	C213B273-9A*****
0.033	25.2	10.1	5.7	22.5	0.6	C213B333-9A*****
0.039	25.2	10.5	6.1	22.5	0.8	C213B393-9A*****
0.047	25.2	11.0	6.6	22.5	0.8	C213B473-9A*****
0.056	30.2	11.4	6.2	27.5	0.8	C213B563-BA*****
0.068	30.2	12.0	6.7	27.5	0.8	C213B683-BA*****
0.082	30.2	12.6	7.3	27.5	0.8	C213B823-BA*****
0.10	30.2	14.8	7.8	27.5	0.8	C213B104-BA*****
0.12	30.2	15.4	8.5	27.5	0.8	C213B124-BA*****
0.15	30.2	16.4	9.4	27.5	0.8	C213B154-BA*****
0.18	30.2	18.3	9.7	27.5	0.8	C213B184-BA*****
0.22	30.2	19.3	10.7	27.5	0.8	C213B224-BA*****

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M= ± 20%,K= ± 10%,J= ± 5%

2. “*****”表示引线加工和包装代码(见table 1)。“*****”=lead form and packing code(refer to table 1)

3. “@” Not suitable for across-the-line applications. Pls refer to Interference Suppression Capacitors.(Pag.116)

■ 外形尺寸 Dimensions(mm)

Pattern II (Not for new design, Please use Pattern III instead)

50Vdc(30Vac)/63Vdc(40Vac)/100Vdc(63Vac)#							250Vdc(160Vac)							400Vdc(200Vac)						
C _R (μF)	W max	H max	T max	P	d	Part number	C _R (μF)	W max	H max	T max	P	d	Part number	C _R (μF)	W max	H max	T max	P	d	Part number
0.010	10.0	9.0	5.5	7.5	0.6	C212A103-3S****++	0.010	10.0	9.0	5.5	7.5	0.6	C212E103-3S****++	0.010	10.0	9.0	5.5	7.5	0.6	C212G103-3S****++
0.012	10.0	9.0	5.5	7.5	0.6	C212A123-3S****++	0.012	10.0	9.0	5.5	7.5	0.6	C212E123-3S****++	0.012	10.0	9.0	5.5	7.5	0.6	C212G123-3S****++
0.015	10.0	9.5	6.0	7.5	0.6	C212A153-3S****++	0.015	10.0	9.5	6.0	7.5	0.6	C212E153-3S****++	0.015	10.0	9.5	6.0	7.5	0.6	C212G153-3S****++
0.018	10.0	10.0	6.0	7.5	0.6	C212A183-3S****++	0.018	10.0	10.0	6.0	7.5	0.6	C212E183-3S****++	0.018	10.0	10.0	6.0	7.5	0.6	C212G183-3S****++
0.022	10.0	9.0	5.5	7.5	0.6	C212A223-3S****++	0.022	10.0	9.5	5.5	7.5	0.6	C212E223-3S****++	0.022	10.0	9.5	5.5	7.5	0.6	C212G223-3S****++
0.027	10.0	9.5	6.0	7.5	0.6	C212A273-3S****++	0.027	10.0	9.5	6.0	7.5	0.6	C212E273-3S****++	0.027	10.0	9.5	6.0	7.5	0.6	C212G273-3S****++
0.033	10.0	8.5	5.0	7.5	0.6	C212A333-3S****++	0.033	10.0	8.5	5.0	7.5	0.6	C212E333-3S****++	0.033	10.0	10.0	6.0	7.5	0.6	C212G333-3S****++
0.039	10.0	9.0	5.0	7.5	0.6	C212A393-3S****++	0.039	10.0	9.0	5.0	7.5	0.6	C212E393-3S****++	0.039	10.0	10.5	6.5	7.5	0.6	C212G393-3S****++
0.047	10.0	9.0	5.5	7.5	0.6	C212A473-3S****++	0.047	10.0	9.0	5.5	7.5	0.6	C212E473-3S****++	0.047	10.0	10.5	7.0	7.5	0.6	C212G473-3S****++
0.056	10.0	9.5	6.0	7.5	0.6	C212A563-3S****++	0.056	10.0	9.5	6.0	7.5	0.6	C212E563-3S****++	0.056	13.0	10.5	6.0	10.0	0.6	C212G563-4S****++
0.068	10.0	9.0	5.5	7.5	0.6	C212A683-3S****++	0.068	10.0	9.0	5.5	7.5	0.6	C212E683-3S****++	0.068	13.0	11.0	6.5	10.0	0.6	C212G683-4S****++
0.082	10.0	9.5	6.0	7.5	0.6	C212A823-3S****++	0.082	10.0	9.5	6.0	7.5	0.6	C212E823-3S****++	0.082	13.0	11.5	7.0	10.0	0.6	C212G823-4S****++
0.10	10.0	8.5	5.0	7.5	0.6	C212A104-3S****++	0.10	10.0	10.0	6.0	7.5	0.6	C212E104-3S****++	0.10	13.0	12.0	7.0	10.0	0.6	C212G104-4S****++
0.12	10.0	8.5	5.0	7.5	0.6	C212A124-3S****++	0.12	10.0	10.0	6.5	7.5	0.6	C212E124-3S****++	0.12	13.0	12.5	8.0	10.0	0.6	C212G124-4S****++
0.15	10.0	8.5	5.0	7.5	0.6	C212A154-3S****++	0.15	10.0	10.5	6.5	7.5	0.6	C212E154-3S****++	0.15	19.0	11.5	7.0	15.0	0.6	C212G154-6S****++
0.18	10.0	9.0	5.5	7.5	0.6	C212A184-3S****++	0.18	13.0	10.0	6.0	10.0	0.6	C212E184-4S****++	0.18	19.0	12.0	7.5	15.0	0.6	C212G184-6S****++
0.22	10.0	9.5	5.5	7.5	0.6	C212A224-3S****++	0.22	13.0	11.0	6.5	10.0	0.6	C212E224-4S****++	0.22	19.0	13.0	8.0	15.0	0.6	C212G224-6S****++
0.27	10.0	10.0	6.5	7.5	0.6	C212A274-3S****++	0.27	13.0	11.5	7.0	10.0	0.6	C212E274-4S****++	0.27	19.0	13.5	9.0	15.0	0.6	C212G274-6S****++
0.33	13.0	10.5	6.0	10.0	0.6	C212A334-4S****++	0.33	13.0	12.5	7.0	10.0	0.6	C212E334-4S****++	0.33	19.0	14.5	9.5	15.0	0.8	C212G334-6S****++
0.39	13.0	11.0	6.0	10.0	0.6	C212A394-4S****++	0.39	19.0	11.5	6.0	15.0	0.6	C212E394-6S****++	0.39	19.0	15.0	9.5	15.0	0.8	C212G394-6S****++
0.47	13.0	11.5	6.5	10.0	0.6	C212A474-4S****++	0.47	19.0	12.0	6.5	15.0	0.8	C212E474-6S****++	0.47	19.0	16.0	10.5	15.0	0.8	C212G474-6S****++
0.56	13.0	12.0	7.0	10.0	0.6	C212A564-4S****++	0.56	19.0	12.0	7.0	15.0	0.8	C212E564-6S****++	0.56	24.0	15.0	9.5	20.0	0.8	C212G564-8S****++
0.68	19.0	11.5	6.0	15.0	0.6	C212A684-6S****++	0.68	19.0	13.0	7.5	15.0	0.8	C212E684-6S****++	0.68	24.0	16.0	10.5	20.0	0.8	C212G684-8S****++
0.82	19.0	12.5	6.5	15.0	0.6	C212A824-6S****++	0.82	19.0	13.5	8.5	15.0	0.8	C212E824-6S****++	0.82	24.0	17.0	11.5	20.0	0.8	C212G824-8S****++
1.0	19.0	12.5	7.0	15.0	0.8	C212A105-6S****++	1.0	19.0	14.0	9.0	15.0	0.8	C212E105-6S****++	1.0	29.0	17.0	10.5	25.0	0.8	C212G105-AS****++
1.2	19.0	13.5	7.5	15.0	0.8	C212A125-6S****++	1.2	24.0	13.5	8.5	20.0	0.8	C212E125-8S****++	1.2	29.0	18.0	11.5	25.0	0.8	C212G125-AS****++
1.5	19.0	14.0	8.5	15.0	0.8	C212A155-6S****++	1.5	24.0	14.0	9.0	20.0	0.8	C212E155-8S****++	1.5	29.0	19.5	12.5	25.0	0.8	C212G155-AS****++
1.8	19.0	14.5	9.0	15.0	0.8	C212A185-6S****++	1.8	24.0	16.0	9.5	20.0	0.8	C212E185-8S****++	1.8	34.0	21.0	12.0	30.0	0.8	C212G185-CS****++
2.2	24.0	14.5	8.5	20.0	0.8	C212A225-8S****++	2.2	24.0	17.0	10.0	20.0	0.8	C212E225-8S****++	2.2	34.0	21.5	13.5	30.0	0.8	C212G225-CS****++
2.7	24.0	15.0	8.5	20.0	0.8	C212A275-8S****++	2.7	24.0	18.0	11.5	20.0	0.8	C212E275-8S****++	2.7	34.0	23.0	14.5	30.0	0.8	C212G275-CS****++
3.3	24.0	16.0	9.5	20.0	0.8	C212A335-8S****++	3.3	29.0	18.0	11.5	25.0	0.8	C212E335-AS****++	3.3	34.0	24.5	16.5	30.0	0.8	C212G335-CS****++
3.9	24.0	17.0	10.0	20.0	0.8	C212A395-8S****++	3.9	29.0	18.5	11.5	25.0	0.8	C212E395-AS****++	3.9	34.0	26.0	17.5	30.0	0.8	C212G395-CS****++
4.7	29.0	17.0	10.0	25.0	0.8	C212A475-AS****++	4.7	29.0	20.0	13.0	25.0	0.8	C212E475-AS****++	4.7	34.0	28.0	19.5	30.0	0.8	C212G475-CS****++
5.6	29.0	17.5	10.5	25.0	0.8	C212A565-AS****++	5.6	34.0	19.5	12.5	30.0	0.8	C212E565-CS****++							
6.8	29.0	18.5	11.5	25.0	0.8	C212A685-AS****++	6.8	34.0	21.5	13.5	30.0	0.8	C212E685-CS****++							
8.2	29.0	19.5	12.5	25.0	0.8	C212A825-AS****++	8.2	34.0	23.0	14.5	30.0	0.8	C212E825-CS****++							
10.0	29.0	21.0	14.0	25.0	0.8	C212A106-AS****++	10.0	34.0	24.5	16.0	30.0	0.8	C212E106-CS****++							

630Vdc(220Vac)@							630Vdc(220Vac)@							630Vdc(220Vac)@						
C _R (μF)	W max	H max	T max	P	d	Part number	C _R (μF)	W max	H max	T max	P	d	Part number	C _R (μF)	W max	H max	T max	P	d	Part number
0.010	13.0	9.0	5.0	10.0	0.6	C212J103-4S****++	0.068	16.0	12.5	8.0	12.5	0.6	C212J683-5S****++	0.47	29.0	18.0	10.0	25.0	0.8	C212J474-AS****++
0.012	13.0	9.0	5.0	10.0	0.6	C212J123-4S****++	0.082	16.0	13.0	8.5	12.5	0.6	C212J823-5S****++	0.56	29.0	19.0	10.5	25.0	0.8	C212J564-AS****++
0.015	13.0	9.5	5.5	10.0	0.6	C212J153-4S****++	0.10	19.0	13.0	8.0	15.0	0.8	C212J104-6S****++	0.68	29.0	20.0	12.0	25.0	0.8	C212J684-AS****++
0.018	13.0	10.0	6.0	10.0	0.6	C212J183-4S****++	0.12	19.0	13.5	9.0	15.0	0.8	C212J124-6S****++	0.82	29.0	21.5	13.0	25.0	0.8	C212J824-AS****++
0.022	13.0	10.0	6.0	10.0	0.6	C212J223-4S****++	0.15	19.0	14.0	9.5	15.0	0.8	C212J154-6S****++	1.0	34.0	21.5	13.0	30.0	0.8	C212J105-CS****++
0.027	13.0	10.5	6.5	10.0	0.6	C212J273-4S****++	0.18	19.0	15.0	10.0	15.0	0.8	C212J184-6S****++	1.2	34.0	22.5	14.5	30.0	0.8	C212J125-CS****++
0.033	13.0	11.0	7.0	10.0	0.6	C212J333-4S****++	0.22	19.0	16.0	11.0	15.0	0.8	C212J224-6S****++	1.5	34.0	24.0	15.5	30.0	0.8	C212J155-CS****++
0.039	13.0	11.5	7.0	10.0	0.6	C212J393-4S****++	0.27	24.0	16.0	9.5	20.0	0.8	C212J274-8S****++	1.8	34.0	26.0	17.5	30.0	0.8	C212J185-CS****++
0.047	16.0	12.0	7.0	12.5	0.6	C212J473-5S****++	0.33	24.0	17.0	10.0	20.0	0.8	C212J334-8S****++	2.2	34.0	27.5	19.5	30.0	0.8	C212J225-CS****++
0.056	16.0	12.0	7.5	12.5	0.6	C212J563-5S****++	0.39	24.0	18.0	11.0	20.0	0.8	C212J394-8S****++							

- 备注：1. “-”表示容量偏差。“-”=capacitance tolerance code, M=±20%, K=±10%, J=±5%
2. “****”表示引线加工和包装代码(见table 1)。“****”=lead form and packaging code(refer to table 1)
3. “#”当额定电压为50Vdc, 63Vdc时, 第4~5位是1H, 1J。“#”when the rated voltage is 50Vdc, 63Vdc, the digit 4~5 is 1H, 1J.
4. “@” Not suitable for across-the-line applications. Pls refer to Interference Suppression Capacitors(Pag. 116)