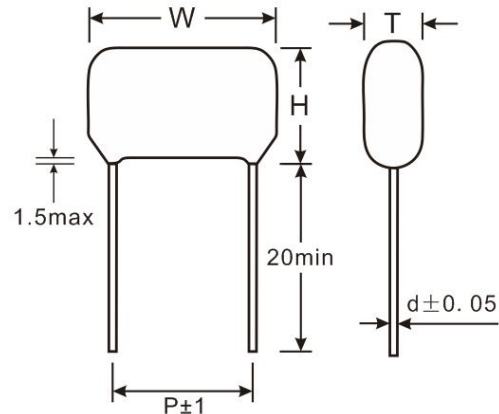
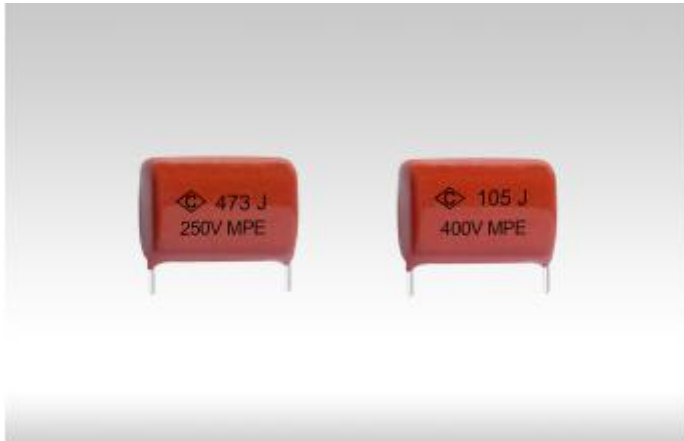


## 金属化聚酯膜电容器

### Metallized Polyester Film Capacitors



#### ● 产品描述

- 金属化聚酯膜卷绕，无感式结构；
- 阻燃环氧树脂封装，CP 线径向引出；
- 体积小，耐高温，自愈性能好；
- 适用于直流和低脉冲电路，广泛应用于各种电子电器电工设备的滤波、隔直、旁路、耦合和降噪等场合。

#### ● Description of Products

- Metallized polyester film wound, non-inductive construction.
- Flame-retardant epoxy resin coating, radial CP wire.
- Small size, withstanding high temperature, excellent self-healing property.
- Suitable for DC and low pulse circuits, ideal for use in filtering, blocking, by-pass, signal coupling, noise suppression circuits for various electronic equipment.

#### ● 性能指标 Specifications

引用标准 Reference Standard	SJ/T 10874						
气候类别 Climatic Category	55/105/21						
工作温度 Operating Temperature	-40℃~+105℃ (85~+105℃: decreasing factor 1.25% per °C for U <sub>R</sub> )						
额定电压 Rated Voltage	50/63V、100V、250V、400V、630V( DC )						
容量范围 Capacitance Range	0.01~10μF						
容量偏差 Capacitance Tolerance	J : ±5% , K : ±10%						
耐电压 Voltage Proof	1.6U <sub>R</sub> ( 5s )						
损耗角正切 Dissipation Factor	≤0.01 ( 20℃, 1kHz )						
绝缘电阻 Insulation Resistance	U <sub>R</sub> ≤100V	R≥5000MΩ RC <sub>R</sub> ≥2500MΩ·μF	C <sub>R</sub> ≤0.33μF C <sub>R</sub> >0.33μF	( 20℃, 10V, 1min )			
	U <sub>R</sub> >100V	R≥10000MΩ RC <sub>R</sub> ≥5000MΩ·μF	C <sub>R</sub> ≤0.33μF C <sub>R</sub> >0.33μF	( 20℃, 100V, 1min )			
最大脉冲爬升速率 Max Pulse Rise Time(dV/dt)	U <sub>R</sub> (V)	dV/dt(V/μs)					
		P=5	P=7.5	P=10	P=15	P=22.5	P=27.5
	50/63	—	20	15	10	5	—
	100	110	60	40	30	15	—
	250	—	120	80	50	30	20
	400	—	180	130	75	45	25
630	—	280	180	50	40	30	



C21  
CL21 Series



产品编码说明 **Part number system**

● 16 位产品代码如下:

The 16 digits part number is formed as follow:

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

第 1~3 位      Digit 1 to 3

型号代码    Series code

C21=CL21

第 4~6 位      Digit 4 to 6

额定电压    Rated voltage

举例: 163=10<sup>1</sup>×63 V=630 V

216=10<sup>2</sup>×16 V=1600 V

第 7 位          Digit 7

交流/直流电压    AC/DC

A=AC    D=DC

第 8~10 位      Digit 8 to 10

标称容量    Rated capacitance value

举例: 310=10<sup>3</sup>×10 pF=0.01μF

第 11 位        Digit 11

容量偏差    Capacitance tolerance

J=±5%, K=±10%, M=±20%

第 12~16 位    Digit 12 to 16

内部特征码    Internal use



C21  
CL21 Series

● 规格尺寸 Dimensions

50/63VDC#						
C <sub>R</sub> (μF)	W max	H max	T max	P	d	Part Number
0.39	10.5	7.4	4.5	7.5	0.6	C21063D439-3****
0.47	10.5	8.2	4.5	7.5	0.6	C21063D447-3****
0.56	10.5	8.5	4.9	7.5	0.6	C21063D456-3****
0.68	10.5	8.9	5.3	7.5	0.6	C21063D468-3****
0.82	10.5	9.3	5.7	7.5	0.6	C21063D482-3****
1	13	8.9	5.3	10	0.6	C21063D510-4****
1.2	13	9.3	5.7	10	0.6	C21063D512-4****
1.5	13	9.9	6.3	10	0.6	C21063D515-4****
1.8	13	10.4	6.8	10	0.6	C21063D518-4****
2.2	18	10	6.4	15	0.6	C21063D522-6****
2.7	18	10.7	7.1	15	0.6	C21063D527-6****
3.3	18	11.3	7.7	15	0.6	C21063D533-6****
3.9	18	12.4	8	15	0.8	C21063D539-6****
4.7	26	12.3	6.6	22.5	0.8	C21063D547-9****
5.6	26	12.9	7.2	22.5	0.8	C21063D556-9****
6.8	26	13.6	7.9	22.5	0.8	C21063D568-9****
8.2	26	14.3	8.6	22.5	0.8	C21063D582-9****
10	26	15.2	9.5	22.5	0.8	C21063D610-9****

100VDC						
C <sub>R</sub> (μF)	W max	H max	T max	P	d	Part Number
0.01	7.5	6.4	4	5	0.5	C21110D310-2****
0.012	7.5	6.5	4.2	5	0.5	C21110D312-2****
0.015	7.5	6.7	4.4	5	0.5	C21110D315-2****
0.018	7.5	7	4.6	5	0.5	C21110D318-2****
0.022	7.5	7.7	4.6	5	0.5	C21110D322-2****
0.027	7.5	8.1	4.9	5	0.5	C21110D327-2****
0.033	7.5	6.3	4	5	0.5	C21110D333-2****
0.039	7.5	6.5	4.2	5	0.5	C21110D339-2****
0.047	7.5	6.8	4.4	5	0.5	C21110D347-2****
0.056	7.5	7	4.7	5	0.5	C21110D356-2****
0.068	7.5	6.5	4.2	5	0.5	C21110D368-2****
0.082	7.5	6.8	4.4	5	0.5	C21110D382-2****
0.1	7.5	7.5	4.4	5	0.5	C21110D410-2****
0.12	7.5	7.8	4.7	5	0.5	C21110D412-2****
0.15	7.5	8.2	5.1	5	0.5	C21110D415-2****
0.18	7.5	8.6	5.4	5	0.5	C21110D418-2****
0.22	10.5	7.8	4.2	7.5	0.6	C21110D422-3****
0.27	10.5	8	4.4	7.5	0.6	C21110D427-3****
0.33	10.5	8.3	4.7	7.5	0.6	C21110D433-3****
0.39	10.5	8.7	5	7.5	0.6	C21110D439-3****
0.47	10.5	9.1	5.4	7.5	0.6	C21110D447-3****
0.56	10.5	9.5	5.8	7.5	0.6	C21110D456-3****
0.68	10.5	10	6.4	7.5	0.6	C21110D468-3****
0.82	10.5	11.3	6.9	7.5	0.6	C21110D482-3****
1	10.5	11.9	7.5	7.5	0.6	C21110D510-3****
0.82	13	10	5.6	10	0.6	C21110D482-4****
1	13	10.5	6.1	10	0.6	C21110D510-4****
1.2	13	11	6.6	10	0.6	C21110D512-4****
1.5	13	11.7	7.3	10	0.6	C21110D515-4****
1.8	18	12	6.5	15	0.6	C21110D518-6****
2.2	18	12.7	7.2	15	0.6	C21110D522-6****
2.7	18	13.4	7.9	15	0.6	C21110D527-6****
3.3	18	15.2	8.1	15	0.6	C21110D533-6****
3.9	18	15.9	8.9	15	0.8	C21110D539-6****
4.7	26	14.7	7.6	22.5	0.8	C21110D547-9****
5.6	26	15.3	8.2	22.5	0.8	C21110D556-9****
6.8	26	16.2	9.1	22.5	0.8	C21110D568-9****
8.2	26	18.1	9.4	22.5	0.8	C21110D582-9****
10	26	19.2	10.5	22.5	0.8	C21110D610-9****

备注：“#”当额定电压为50VDC时，第4~6位是050。When the rated voltage is 50VDC,the digit 4~6 is 050.



C21  
CL21 Series



● 规格尺寸 Dimensions

250VDC						
C <sub>R</sub> (μF)	W max	H max	T max	P	d	Part Number
0.022	10.5	7.8	4.2	7.5	0.6	C21125D322-3****
0.027	10.5	8.1	4.4	7.5	0.6	C21125D327-3****
0.033	10.5	7.9	4.2	7.5	0.6	C21125D333-3****
0.039	10.5	8.1	4.5	7.5	0.6	C21125D339-3****
0.047	10.5	8.4	4.8	7.5	0.6	C21125D347-3****
0.056	10.5	8.8	5.1	7.5	0.6	C21125D356-3****
0.068	10.5	7.6	4	7.5	0.6	C21125D368-3****
0.082	10.5	7.9	4.2	7.5	0.6	C21125D382-3****
0.1	10.5	8.2	4.6	7.5	0.6	C21125D410-3****
0.12	10.5	8.5	4.9	7.5	0.6	C21125D412-3****
0.15	10.5	9	5.3	7.5	0.6	C21125D415-3****
0.18	10.5	9.4	5.8	7.5	0.6	C21125D418-3****
0.22	13	9.4	4.9	10	0.6	C21125D422-4****
0.27	13	9.8	5.4	10	0.6	C21125D427-4****
0.33	13	10.3	5.9	10	0.6	C21125D433-4****
0.39	18	9.6	5.2	15	0.6	C21125D439-6****
0.47	18	10	5.6	15	0.6	C21125D447-6****
0.56	18	11.1	5.9	15	0.6	C21125D456-6****
0.68	18	11.6	6.4	15	0.6	C21125D468-6****
0.82	18	12.5	7	15	0.6	C21125D482-6****
1	18	13.2	7.7	15	0.6	C21125D510-6****
1.2	18	13.8	8.3	15	0.8	C21125D512-6****
1.5	18	15.7	8.6	15	0.8	C21125D515-6****
1.8	18	16.6	9.5	15	0.8	C21125D518-6****
2.2	26	15.2	8.4	22.5	0.8	C21125D522-9****
2.7	26	16.1	9.3	22.5	0.8	C21125D527-9****
3.3	26	17.2	10.4	22.5	0.8	C21125D533-9****
3.9	26	19	10.7	22.5	0.8	C21125D539-9****
4.7	26	20.1	11.8	22.5	0.8	C21125D547-9****
5.6	31	19.7	11.4	27.5	0.8	C21125D556-B****
6.8	31	20.9	12.6	27.5	0.8	C21125D568-B****
8.2	31	22.3	13.9	27.5	0.8	C21125D582-B****
10	31	23.8	15.5	27.5	0.8	C21125D610-B****

400VDC						
C <sub>R</sub> (μF)	W max	H max	T max	P	d	Part Number
0.022	10.5	7.8	4.2	7.5	0.6	C21140D322-3****
0.027	10.5	8.1	4.4	7.5	0.6	C21140D327-3****
0.033	10.5	7.9	4.2	7.5	0.6	C21140D333-3****
0.039	10.5	8.1	4.5	7.5	0.6	C21140D339-3****
0.047	10.5	8.4	4.8	7.5	0.6	C21140D347-3****
0.056	10.5	8.8	5.1	7.5	0.6	C21140D356-3****
0.068	13	8.4	4.8	10	0.6	C21140D368-4****
0.082	13	8.7	5.1	10	0.6	C21140D382-4****
0.1	13	9.6	5.2	10	0.6	C21140D410-4****
0.12	13	10	5.6	10	0.6	C21140D412-4****
0.15	18	9.8	5.4	15	0.6	C21140D415-6****
0.18	18	10.2	5.8	15	0.6	C21140D418-6****
0.22	18	10.7	6.3	15	0.6	C21140D422-6****
0.27	18	11.2	6.8	15	0.6	C21140D427-6****
0.33	18	12.3	7.1	15	0.6	C21140D433-6****
0.39	18	12.8	7.6	15	0.8	C21140D439-6****
0.47	18	13.5	8.3	15	0.8	C21140D447-6****
0.56	18	15.2	8.4	15	0.8	C21140D456-6****
0.68	18	16	9.2	15	0.8	C21140D468-6****
0.82	18	16.9	10.1	15	0.8	C21140D482-6****
1	26	17	8.1	22.5	0.8	C21140D510-9****
1.2	26	17.8	9	22.5	0.8	C21140D512-9****
1.5	26	18.9	10	22.5	0.8	C21140D515-9****
1.8	31	18.6	10	27.5	0.8	C21140D518-B****
2.2	31	20.6	10.5	27.5	0.8	C21140D522-B****
2.7	31	21.8	11.7	27.5	0.8	C21140D527-B****
3.3	31	23.1	13	27.5	0.8	C21140D533-B****
3.9	31	24.3	14.2	27.5	0.8	C21140D539-B****
4.7	31	25.9	15.8	27.5	0.8	C21140D547-B****



C21  
CL21 Series

● 规格尺寸 Dimensions

630VDC						
C <sub>R</sub> ( $\mu$ F)	W max	H max	T max	P	d	Part Number
0.01	10.5	7.7	4.3	7.5	0.6	C21163D310-3****
0.012	10.5	8	4.6	7.5	0.6	C21163D312-3****
0.015	10.5	8.3	4.9	7.5	0.6	C21163D315-3****
0.018	10.5	8.6	5.2	7.5	0.6	C21163D318-3****
0.022	10.5	9	5.6	7.5	0.6	C21163D322-3****
0.027	10.5	9.5	6	7.5	0.6	C21163D327-3****
0.033	13	8.8	5.3	10	0.6	C21163D333-4****
0.039	13	9.1	5.7	10	0.6	C21163D339-4****
0.047	13	10	5.8	10	0.6	C21163D347-4****
0.056	13	10.5	6.2	10	0.6	C21163D356-4****
0.068	13	11	6.8	10	0.6	C21163D368-4****
0.082	13	11.6	7.4	10	0.6	C21163D382-4****
0.1	18	11.1	6.4	15	0.6	C21163D410-6****
0.12	18	11.6	6.9	15	0.6	C21163D412-6****
0.15	18	12.4	7.7	15	0.6	C21163D415-6****
0.18	18	13.5	8	15	0.8	C21163D418-6****
0.22	18	14.3	8.8	15	0.8	C21163D422-6****
0.27	18	15.3	9.7	15	0.8	C21163D427-6****
0.33	18	16.2	10.7	15	0.8	C21163D433-6****
0.39	18	17.1	11.6	15	0.8	C21163D439-6****
0.47	26	16.2	9.4	22.5	0.8	C21163D447-9****
0.56	26	17	10.3	22.5	0.8	C21163D456-9****
0.68	26	18.1	11.3	22.5	0.8	C21163D468-9****
0.82	26	19.2	12.4	22.5	0.8	C21163D482-9****
1	31	20.2	11.4	27.5	0.8	C21163D510-B****
1.2	31	21.4	12.5	27.5	0.8	C21163D512-B****
1.5	31	22.9	14	27.5	0.8	C21163D515-B****
1.8	31	24.3	15.4	27.5	0.8	C21163D518-B****
2.2	31	26	17.2	27.5	0.8	C21163D522-B****