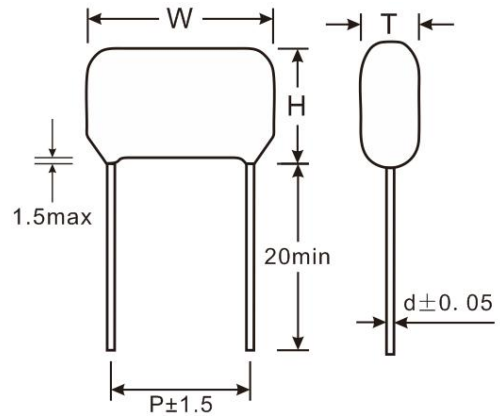
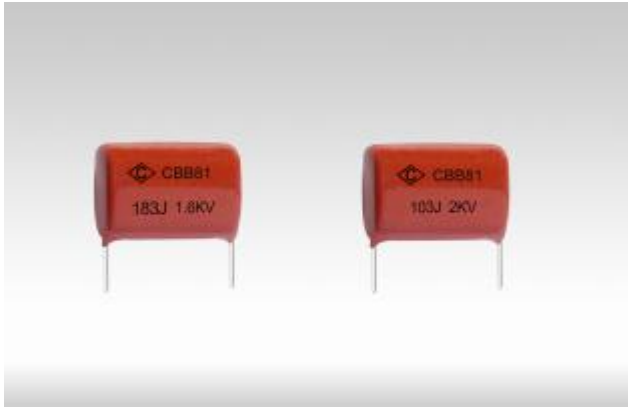




C81
CBB81 Series

高压金属化聚丙烯膜/箔式电容器

High-Voltage Metallized Polypropylene Film/Foil Capacitors



● 产品描述

- 金属化膜和铝箔内串无感式结构;
- 阻燃环氧树脂包封, CP 线径引出;
- 高频损耗极小, 绝缘电阻高, 能承受高电压与高脉冲电流, 具有自愈特性;
- 适用于电视机、显示器作行回扫逆程电容, 同样适用于开关电源、电子镇流器等其他电子设备的高电压、高脉冲线路中。

● Description of Products

- Metallized film in internal series with AL foil and non-inductive construction
- Flame-retardant epoxy resin coating, radial leads.
- Very small dissipation factor at high-frequency, high insulation resistance, withstanding high voltage and high pulse current, having excellent self-healing performance.
- Suitable for TV and monitor as line scanning back stroke capacitors, also suitable for high-voltage and high pulse circuits of switching power, electronic ballast and other electronic equipment.

● 性能指标 Specifications

引用标准 Reference Standard	GB/T 14579		
气候类别 Climatic Category	40/105/21		
工作温度 Operating Temperature	-40℃~+105℃ (85~+105℃: decreasing factor 1.25% per °C for U _R)		
额定电压 Rated Voltage	630V、800V、1000V、1250V、1600V、2000V、2500V(DC)		
容量范围 Capacitance Range	0.00033~0.1μF		
容量偏差 Capacitance Tolerance	J (±5%), K (±10%)		
耐电压 Voltage Proof	1.8U _R (5s)		
损耗角正切 Dissipation Factor	≤0.0010 (20℃, 10kHz)		
绝缘电阻 Insulation Resistance	R≥30000MΩ (20℃, 100V, 1min)		
最大脉冲爬升速率 Max Pulse Rise Time(dV/dt)	U _R (V)	dV/dt(V/μs)	
		P=15	P=22.5
	630/800	10000	5000
	1000/1250	25000	10000
	1600	32000	11000
	2000	35000	15000
2500	40000	—	



C81
CBB81 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	8	1													

第 1~3 位 Digit 1 to 3

型号代码 Series code

C81=CBB81

第 4~6 位 Digit 4 to 6

额定电压 Rated voltage

举例: $163=10^1 \times 63 \text{ V}=630 \text{ V}$

$216=10^2 \times 16 \text{ V}=1600 \text{ V}$

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: $310=10^3 \times 10 \text{ pF}=0.01 \mu\text{F}$

第 11 位 Digit 11

容量偏差 Capacitance tolerance

H=±3%, ±5%, K=±10%

第 12~16 位 Digit 12 to 16

内部特征码 Internal use



C81
CBB81 Series

● 规格尺寸 **Dimensions**

630/800V						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.01	19	11.7	6.5	15	0.8	C81163D310-6****
0.012	19	12.2	7	15	0.8	C81163D312-6****
0.015	19	12.9	7.7	15	0.8	C81163D315-6****
0.018	19	13.6	8.4	15	0.8	C81163D318-6****
0.022	19	14.6	7.9	15	0.8	C81163D322-6****
0.027	19	15.5	8.7	15	0.8	C81163D327-6****
0.033	19	16.4	9.6	15	0.8	C81163D333-6****
0.033	26	14.4	7.6	22.5	0.8	C81163D333-9****
0.039	26	15	8.2	22.5	0.8	C81163D339-9****
0.047	26	16.2	9	22.5	0.8	C81163D347-9****
0.056	26	16.6	9.8	22.5	0.8	C81163D356-9****
0.068	26	17.6	10.8	22.5	0.8	C81163D368-9****
0.082	26	18.6	11.8	22.5	0.8	C81163D382-9****
0.1	26	19.9	13.1	22.5	0.8	C81163D410-9****

1000/1250V						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.001	19	11.9	6.7	15	0.8	C81210D210-6****
0.0012	19	11.9	6.7	15	0.8	C81210D212-6****
0.0015	19	11.9	6.7	15	0.8	C81210D215-6****
0.0018	19	11.9	6.7	15	0.8	C81210D218-6****
0.0022	19	11.9	6.7	15	0.8	C81210D222-6****
0.0027	19	11.9	6.7	15	0.8	C81210D227-6****
0.0033	19	11.9	6.7	15	0.8	C81210D233-6****
0.0039	19	11.9	6.7	15	0.8	C81210D239-6****
0.0047	19	11.9	6.7	15	0.8	C81210D247-6****
0.0051	19	12.1	6.9	15	0.8	C81210D251-6****
0.0056	19	12.3	7.1	15	0.8	C81210D256-6****
0.0062	19	12.6	7.4	15	0.8	C81210D262-6****
0.0068	19	12.9	7.7	15	0.8	C81210D268-6****
0.0075	19	13.2	8.1	15	0.8	C81210D275-6****
0.0082	19	12.5	7.3	15	0.8	C81210D282-6****
0.0091	19	12.8	7.6	15	0.8	C81210D291-6****
0.01	19	13.1	8	15	0.8	C81210D310-6****
0.012	19	14.8	8	15	0.8	C81210D312-6****
0.015	19	15.7	8.9	15	0.8	C81210D315-6****
0.018	19	16.5	9.7	15	0.8	C81210D318-6****
0.022	19	17.5	10.7	15	0.8	C81210D322-6****
0.027	26.5	15.7	8.4	22.5	0.8	C81210D327-9****
0.033	26.5	16.5	9.2	22.5	0.8	C81210D333-9****
0.039	26.5	17.3	10.1	22.5	0.8	C81210D339-9****
0.047	26.5	18.3	11.1	22.5	0.8	C81210D347-9****



C81
CBB81 Series



● 规格尺寸 Dimensions

1600V						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.001	19	11.9	6.7	15	0.8	C81216D210-6****
0.0012	19	11.9	6.7	15	0.8	C81216D212-6****
0.0015	19	11.9	6.7	15	0.8	C81216D215-6****
0.0018	19	11.9	6.7	15	0.8	C81216D218-6****
0.0022	19	11.9	6.7	15	0.8	C81216D222-6****
0.0027	19	11.9	6.7	15	0.8	C81216D227-6****
0.0033	19	11.9	6.7	15	0.8	C81216D233-6****
0.0039	19	11.9	6.7	15	0.8	C81216D239-6****
0.0043	19	11.9	6.7	15	0.8	C81216D243-6****
0.0047	19	11.9	6.7	15	0.8	C81216D247-6****
0.0051	19	12.1	6.9	15	0.8	C81216D251-6****
0.0056	19	12.3	7.1	15	0.8	C81216D256-6****
0.0062	19	12.6	7.4	15	0.8	C81216D262-6****
0.0068	19	12.9	7.7	15	0.8	C81216D268-6****
0.0075	19	13.2	8.1	15	0.8	C81216D275-6****
0.0082	19	14.6	7.8	15	0.8	C81216D282-6****
0.0091	19	15	8.2	15	0.8	C81216D291-6****
0.01	19	15.4	8.6	15	0.8	C81216D310-6****
0.012	19	16.1	9.3	15	0.8	C81216D312-6****
0.015	26.5	15	7.7	22.5	0.8	C81216D315-9****
0.018	26.5	15.6	8.3	22.5	0.8	C81216D318-9****
0.022	26.5	16.5	9.2	22.5	0.8	C81216D322-9****
0.027	26.5	17.5	10.2	22.5	0.8	C81216D327-9****
0.033	26.5	18.5	11.2	22.5	0.8	C81216D333-9****
0.039	26.5	19.5	12.3	22.5	0.8	C81216D339-9****

2000V						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.00033	19	11.9	6.7	15	0.8	C81220D133-6****
0.00043	19	11.9	6.7	15	0.8	C81220D143-6****
0.00051	19	11.9	6.7	15	0.8	C81220D151-6****
0.00062	19	11.9	6.7	15	0.8	C81220D162-6****
0.00075	19	11.9	6.7	15	0.8	C81220D175-6****
0.00091	19	11.9	6.7	15	0.8	C81220D191-6****
0.001	19	11.9	6.7	15	0.8	C81220D210-6****
0.0012	19	11.9	6.7	15	0.8	C81220D212-6****
0.0015	19	11.9	6.7	15	0.8	C81220D215-6****
0.0018	19	11.9	6.7	15	0.8	C81220D218-6****
0.0022	19	11.9	6.7	15	0.8	C81220D222-6****
0.0027	19	11.9	6.7	15	0.8	C81220D227-6****
0.0033	19	11.9	6.7	15	0.8	C81220D233-6****
0.0039	19	12.6	7.4	15	0.8	C81220D239-6****
0.0043	19	12.9	7.7	15	0.8	C81220D243-6****
0.0047	19	14.6	7.4	15	0.8	C81220D247-6****
0.0051	19	15	7.6	15	0.8	C81220D251-6****
0.0056	19	15.3	8	15	0.8	C81220D256-6****
0.0062	19	15.7	8.4	15	0.8	C81220D262-6****
0.0068	19	16.1	8.8	15	0.8	C81220D268-6****
0.0075	19	16.5	9.2	15	0.8	C81220D275-6****
0.0082	19	16.9	9.6	15	0.8	C81220D282-6****
0.0091	19	17.4	10.1	15	0.8	C81220D291-6****
0.01	19	17.9	10.6	15	0.8	C81220D310-6****
0.012	26.5	15.7	8.9	22.5	0.8	C81220D312-9****
0.015	26.5	16.6	9.9	22.5	0.8	C81220D315-9****
0.018	26.5	17.5	10.7	22.5	0.8	C81220D318-9****
0.022	26.5	18.5	11.7	22.5	0.8	C81220D322-9****
0.027	26.5	19.7	12.9	22.5	0.8	C81220D327-9****



C81
CBB81 Series

● 规格尺寸 Dimensions

2500V						
C _R (μ F)	W max	H max	T max	P	d	Part Number
0.001	19	11.9	6.7	15	0.8	C81225D210-6****
0.0012	19	11.9	6.7	15	0.8	C81225D212-6****
0.0015	19	12.4	7.2	15	0.8	C81225D215-6****
0.0018	19	12.3	7.1	15	0.8	C81225D218-6****
0.0022	19	13	7.8	15	0.8	C81225D222-6****
0.0027	19	14.5	7.8	15	0.8	C81225D227-6****
0.0033	19	15.3	8.5	15	0.8	C81225D233-6****
0.0039	19	16	9.2	15	0.8	C81225D239-6****
0.0043	19	16.5	9.7	15	0.8	C81225D243-6****
0.0047	19	16.9	10.1	15	0.8	C81225D247-6****
0.0051	19	17.3	10.5	15	0.8	C81225D251-6****
0.0056	19	17.8	11	15	0.8	C81225D256-6****
0.0062	19	18.3	11.5	15	0.8	C81225D262-6****
0.0068	19	18.9	12.1	15	0.8	C81225D268-6****
0.0075	19	19.5	12.7	15	0.8	C81225D275-6****