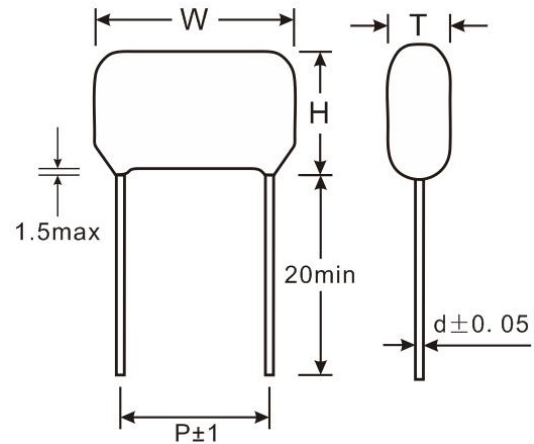


电子电度表用交流降压金属化聚丙烯膜电容器

Metallized Polypropylene Film Capacitors Especially Used for Dropping AC Voltage Circuit of Electric Meter Electronic Type



● 产品描述

- 金属化聚丙烯膜卷绕，无感式结构；
- 阻燃环氧树脂真空浸渍，CP 线径向引出；
- 损耗小，内部温升低；
- 长期负载下电容量稳定，绝缘性能优良。

● Description of Products

- Metallized Polypropylene film wound, non-inductive construction.
- Flame-retardant epoxy resin vacuum dipping, radial CP wire.
- Low dissipation factor, small temperature-rise inside.
- Stable capacitance under long time loading condition, excellent insulation property.

● 性能指标 Specifications

引用标准 Reference Standard	GB/T 14579		
气候类别 Climatic Category	40/085/21		
工作温度 Operating Temperature	-40℃~+85℃		
额定电压 Rated Voltage	160VAC(50/60Hz)	250VAC(50/60Hz)	300VAC(50/60Hz)
容量范围 Capacitance Range	0.22~2.2μF	0.01~3.3μF	0.1~1.0μF
耐电压 Voltage Proof	400VDC (5s)	900VDC (5s)	1500VDC (5s)
容量偏差 Capacitance Tolerance	J : ±5% K: ±10%		
损耗角正切 Dissipation Factor	≤0.0018 (20℃, 10kHz)		
绝缘电阻 Insulation Resistance	R≥30000MΩ, CR≤0.33μF RCR≥10000MΩ·μF, CR>0.33μF (20℃, 100V, 1min)		

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	4													

第 1~3 位 Digit 1 to 3

型号代码 Series code

C24

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%, J=±5%, K=±10%

第 12~16 位 Digit 12 to 16

内部特征码 Internal use

● 规格尺寸 Dimensions

160Vac						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.22	13	11.7	6.5	10	0.6	C24116A422-4****
0.27	13	12.3	7.1	10	0.6	C24116A427-4****
0.33	13	13	7.8	10	0.6	C24116A433-4****
0.39	13	13.7	8.5	10	0.6	C24116A439-4****
0.47	13	14.5	9.3	10	0.6	C24116A447-4****
0.56	13	15.3	10.1	10	0.6	C24116A456-4****
0.47	18	12.6	7.4	15	0.6	C24116A447-6****
0.56	18	13.3	8.1	15	0.8	C24116A456-6****
0.68	18	14	8.8	15	0.8	C24116A468-6****
0.82	18	14.8	9.6	15	0.8	C24116A482-6****
1	18	15.8	10.6	15	0.8	C24116A510-6****
1.2	18	17.6	10.8	15	0.8	C24116A512-6****
1.5	18	18.9	12.1	15	0.8	C24116A515-6****
1.8	18	20.1	13.3	15	0.8	C24116A518-6****
2	18	20.8	14.1	15	0.8	C24116A520-6****
2.2	18	21.6	14.8	15	0.8	C24116A522-6****

250Vac						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.15	24	11.9	6.7	20	0.8	C24125A415-8****
0.22	24	13.1	7.9	20	0.8	C24125A422-8****
0.33	24	15.7	8.9	20	0.8	C24125A433-8****
0.39	24	16.4	9.6	20	0.8	C24125A439-8****
0.47	24	17.3	10.6	20	0.8	C24125A447-8****
0.56	24	18.3	11.5	20	0.8	C24125A456-8****
0.68	24	20.4	12	20	0.8	C24125A468-8****
0.22	26	13.7	6.9	22.5	0.8	C24125A422-9****
0.33	26	15.1	8.3	22.5	0.8	C24125A433-9****
0.39	26	15.8	9	22.5	0.8	C24125A439-9****
0.47	26	16.7	9.9	22.5	0.8	C24125A447-9****
0.56	26	17.6	10.8	22.5	0.8	C24125A456-9****
0.68	26	19.6	11.3	22.5	0.8	C24125A468-9****
1	26	22.2	13.8	22.5	0.8	C24125A510-9****
0.33	29	15.3	6.5	25	0.8	C24125A433-A****
0.39	29	15.8	7.5	25	0.8	C24125A439-A****
0.47	29	16.5	8.1	25	0.8	C24125A447-A****
0.56	29	17.2	8.8	25	0.8	C24125A456-A****
0.68	29	18	9.7	25	0.8	C24125A468-A****
1	29	20	11.7	25	0.8	C24125A510-A****
1.5	29	25.5	12.5	25	0.8	C24125A515-A****
2	29	27.7	14.7	25	0.8	C24125A520-A****
2.2	29	28.5	15.4	25	0.8	C24125A522-A****
3.3	29	32.4	19.3	25	0.8	C24125A533-A****
0.47	31	16.1	7.7	27.5	0.8	C24125A447-B****
0.56	31	16.7	8.4	27.5	0.8	C24125A456-B****
0.68	31	17.5	9.2	27.5	0.8	C24125A468-B****
1	31	19.5	11.1	27.5	0.8	C24125A510-B****
1.5	31	24.9	11.9	27.5	0.8	C24125A515-B****
2	31	26.9	13.8	27.5	0.8	C24125A520-B****
2.2	31	27.7	14.6	27.5	0.8	C24125A522-B****
3	31	30.5	17.4	27.5	0.8	C24125A530-B****
3.3	31	31.4	18.3	27.5	0.8	C24125A533-B****

250Vac						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.01	13	8.8	4.4	10	0.6	C24125A310-4****
0.015	13	9.4	5	10	0.6	C24125A315-4****
0.022	13	9.3	4.8	10	0.6	C24125A322-4****
0.033	13	10.4	5.3	10	0.6	C24125A333-4****
0.047	13	11.2	6	10	0.6	C24125A347-4****
0.068	13	12.2	7	10	0.6	C24125A368-4****
0.068	18	11	5.8	15	0.6	C24125A368-6****
0.1	18	12	6.7	15	0.6	C24125A410-6****
0.15	18	13.2	8	15	0.8	C24125A415-6****
0.22	18	15.7	8.9	15	0.8	C24125A422-6****
0.33	18	17.7	10.9	15	0.8	C24125A433-6****

● 规格尺寸 Dimensions

300Vac						
C _R (μF)	W max	H max	T max	P	d	Part Number
0.1	18	14.3	9.1	15	0.6	C24130A410-6****
0.15	18	16.1	10.8	15	0.8	C24130A415-6****
0.22	18	19	12.2	15	0.8	C24130A422-6****
0.1	24	13.2	8	20	0.8	C24130A410-8****
0.15	24	14.7	9.5	20	0.8	C24130A415-8****
0.22	24	17.4	10.6	20	0.8	C24130A422-8****
0.33	24	19.7	12.9	20	0.8	C24130A433-8****
0.1	26	12.7	7.5	22.5	0.8	C24130A410-9****
0.15	26	14.1	8.8	22.5	0.8	C24130A415-9****
0.22	26	16.8	9.8	22.5	0.8	C24130A422-9****
0.33	26	18.7	12	22.5	0.8	C24130A433-9****
0.39	26	19.8	13	22.5	0.8	C24130A439-9****
0.47	26	21	14.2	22.5	0.8	C24130A447-9****
0.22	29	15.1	8.3	25	0.8	C24130A422-A****
0.27	29	16	9.2	25	0.8	C24130A427-A****
0.33	29	16.9	10.1	25	0.8	C24130A433-A****
0.36	29	17.3	10.5	25	0.8	C24130A436-A****
0.39	29	17.7	10.9	25	0.8	C24130A439-A****
0.41	29	18	11.2	25	0.8	C24130A441-A****
0.43	29	18.2	11.5	25	0.8	C24130A443-A****
0.45	29	18.5	11.7	25	0.8	C24130A445-A****
0.47	29	19.6	11.3	25	0.8	C24130A447-A****
0.49	29	19.9	11.5	25	0.8	C24130A449-A****
0.51	29	20.1	11.8	25	0.8	C24130A451-A****
0.56	29	21.7	11.8	25	0.8	C24130A456-A****
0.68	29	23	13	25	0.8	C24130A468-A****
0.75	29	23.6	13.7	25	0.8	C24130A475-A****
0.82	29	24.3	14.4	25	0.8	C24130A482-A****
1	29	25.9	16	25	0.8	C24130A510-A****