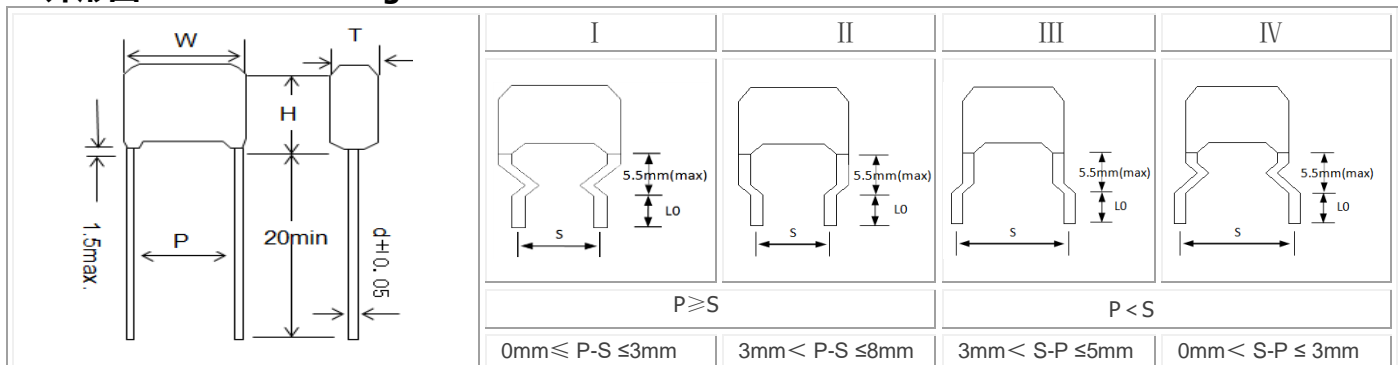


金属化聚丙烯膜电容器 (浸渍型) Metallized polypropylene film capacitor(dipped)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯
- 高频损耗小
- 内部升温小
- 阻燃环氧粉末封装(UL94/V-0)

■ 主要用途

- 广泛应用于高频、直流、交流和脉冲电路中
- 适用于要求体积小，性能优异的彩色 S 校正电路
- 专为大屏幕显示器及彩电的 S 校正电路设计
- 适用于各种高频、大电流场合

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 10190 (IEC 60384-16)				
气候类别 Climatic Category	40/105/21				
额定温度 Rated temperature	85°C				
工作温度范围 Operating temperature	-40°C~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for VR(dc))				
额定电压 Rated Voltage	100V/160V, 250V, 400V, 630V, 1000V/1250V				
电容量范围 Capacitance Range	0.0010 ~ 3.3μF				
电容量偏差 Capacitance Tolerance	±5%(J), ±10%(K), ±20%(M)				
耐电压 Voltage Proof	1.6UR (5s)				
损耗角正切 Dissipation Factor	≤10×10 ⁻⁴ (20°C, 1kHz)				
绝缘电阻 Insulation Resistance	≥100 000MΩ, CR≤0.33μF ≥30 000s, CR>0.33μF (20°C, 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 允许值为右表值乘 UR/U。	UR(V)	dv/dt (V/μs)			
		P=7.5	P=10	P=15	P=22
	100/160	660	560	310	130
	200/250	660	560	310	130
	400	900	780	600	300
	630	1500	1200	900	400
1000	2500	2200	--	--	

■ Features

- Metallized polypropylene structure
- Low loss at high frequency
- Small inherent temperature rise
- Flame retardant epoxy resin powder coating (UL94/V-0)

■ Typical application

- Widely used in high frequency, DC, AC and pulse circuits
- Providing optimum performance with small size in S-correction circuits for colour TV set
- Specially designed for S-correction circuits of large screen monitor and colour TV
- Suitable for the situation where applies high frequency and high current pulse

产品代码说明 Part number system

■ 18 位产品代码说明如下:

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
□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

W 3 1

第 1~3 位: 型号代码

W31=CBB21

第 4~5 位: 直流额定电压

2A=100V 2C=160V 2E=250V
2G=400V 2J=630V 3A=1000V
3B=1250V

第 6~8 位: 标称容量

举例 : 104 = 10×10^4 PF = 0.1 μ f

第 9 位: 容量偏差

J=±5%, K=±10%, M=±20%

第 10 位: 引线脚距

J=7.5mm K=10mm L=12.5mm
M=15mm N=20mm P=22.0mm

第 11 位: 引线线径

5= CP 0.5mm 6= CP 0.6mm
7= CP 0.7mm 8= CP 0.8mm
1= CU 1.0mm 9= CU 0.8mm
2= CU 0.5mm 3= CU 0.6mm
4= CU 0.7mm

第 12 位: 引线加工和包装代码

L= 直脚 K= 引线成型
T= 弹带包装

第 13~18 位: 内部特征码

Digit 1 to 3: Series code

W31=CBB21

Digit 4 to 5: DC rated voltage

2A=100V 2C=160V 2E=250V
2G=400V 2J=630V 3A=1000V
3B=1250V

Digit 6 to 8: Rated capacitance

For example: 104 = 10×10^4 PF = 0.1 μ f

Digit 9: Capacitance tolerance

J=±5%, K=±10%, M=±20%

Digit 10: Pitch

J=7.5mm K=10mm L=12.5mm
M=15mm N=20mm P=22.0mm

Digit 11: Lead Wire diameter

5= CP 0.5mm 6= CP 0.6mm
7= CP 0.7mm 8= CP 0.8mm
1= CU 1.0mm 9= CU 0.8mm
2= CU 0.5mm 3= CU 0.6mm
4= CU 0.7mm

Digit 12: Lead form and packaging code

L= straight lead K= Lead kinked
T= ammo-pack

Digit 13 to 18: Internal use

■ 外形尺寸 Dimensions (mm)

100Vdc (63Vac) / 250Vdc(160Vac)*						
Cn (μF)	W max	H max	T max	P	d	Part number
0.010	9.5	7.5	4.5	7.5	0.6	W312A103-J6*****
0.011	9.5	7.5	4.5	7.5	0.6	W312A113-J6*****
0.012	9.5	7.5	4.5	7.5	0.6	W312A123-J6*****
0.013	9.5	7.5	4.5	7.5	0.6	W312A133-J6*****
0.015	9.5	7.5	4.5	7.5	0.6	W312A153-J6*****
0.016	9.5	7.9	4.3	7.5	0.6	W312A163-J6*****
0.018	9.5	8.1	4.4	7.5	0.6	W312A183-J6*****
0.020	9.5	8.2	4.6	7.5	0.6	W312A203-J6*****
0.022	9.5	8.4	4.8	7.5	0.6	W312A223-J6*****
0.024	9.5	8.6	4.9	7.5	0.6	W312A243-J6*****
0.027	9.5	7.6	4.0	7.5	0.6	W312A273-J6*****
0.030	9.5	7.7	4.1	7.5	0.6	W312A303-J6*****
0.033	9.5	7.9	4.2	7.5	0.6	W312A333-J6*****
0.036	9.5	8.0	4.4	7.5	0.6	W312A363-J6*****
0.039	9.5	8.1	4.5	7.5	0.6	W312A393-J6*****
0.043	9.5	8.3	4.7	7.5	0.6	W312A433-J6*****
0.047	9.5	8.5	4.8	7.5	0.6	W312A473-J6*****
0.051	12.5	8.0	4.3	10.0	0.6	W312A513-K6*****
0.056	12.5	8.1	4.5	10.0	0.6	W312A563-K6*****
0.062	12.5	8.3	4.6	10.0	0.6	W312A623-K6*****
0.068	12.5	8.5	4.8	10.0	0.6	W312A683-K6*****
0.075	12.5	8.6	5.0	10.0	0.6	W312A753-K6*****
0.082	12.5	8.8	5.2	10.0	0.6	W312A823-K6*****
0.091	12.5	8.1	4.5	10.0	0.6	W312A913-K6*****
0.10	12.5	8.3	4.7	10.0	0.6	W312A104-K6*****
0.11	12.5	8.5	4.8	10.0	0.6	W312A114-K6*****
0.12	12.5	8.6	5.0	10.0	0.6	W312A124-K6*****
0.13	12.5	8.6	4.9	10.0	0.6	W312A134-K6*****
0.15	12.5	8.9	5.2	10.0	0.6	W312A154-K6*****
0.16	12.5	9.0	5.4	10.0	0.6	W312A164-K6*****
0.18	12.5	9.3	5.6	10.0	0.6	W312A184-K6*****
0.20	12.5	9.5	5.9	10.0	0.6	W312A204-K6*****
0.22	12.5	9.8	6.1	10.0	0.6	W312A224-K6*****
0.24	12.5	10.0	6.4	10.0	0.6	W312A244-K6*****
0.27	17.5	10.5	5.3	15.0	0.6	W312A274-M6*****
0.30	17.5	10.8	5.5	15.0	0.6	W312A304-M6*****
0.33	17.5	11.0	5.8	15.0	0.6	W312A334-M6*****
0.36	17.5	11.2	6.0	15.0	0.6	W312A364-M6*****
0.39	17.5	11.4	6.2	15.0	0.6	W312A394-M6*****
0.43	17.5	11.6	6.4	15.0	0.6	W312A434-M6*****
0.47	17.5	11.9	6.6	15.0	0.6	W312A474-M6*****
0.51	17.5	12.1	6.9	15.0	0.6	W312A514-M6*****
0.56	17.5	12.4	7.2	15.0	0.6	W312A564-M6*****
0.62	17.5	12.7	7.5	15.0	0.8	W312A624-M8*****
0.68	17.5	13.5	7.8	15.0	0.8	W312A684-M8*****
0.75	17.5	13.9	8.2	15.0	0.8	W312A754-M8*****
0.82	17.5	14.2	8.5	15.0	0.8	W312A824-M8*****
0.91	17.5	14.9	8.9	15.0	0.8	W312A914-M8*****
1.0	17.5	15.0	9.3	15.0	0.8	W312A105-M8*****
1.1	17.5	15.5	9.7	15.0	0.8	W312A115-M8*****
1.2	25.0	14.8	7.5	22.0	0.8	W312A125-P8*****
1.3	25.0	15.1	7.8	22.0	0.8	W312A135-P8*****
1.5	25.0	15.6	8.3	22.0	0.8	W312A155-P8*****
1.6	25.0	15.9	8.6	22.0	0.8	W312A165-P8*****
1.8	25.0	16.4	9.1	22.0	0.8	W312A185-P8*****
2.0	25.0	16.9	10.1	22.0	0.8	W312A205-P8*****
2.2	25.0	18.3	9.9	22.0	0.8	W312A225-P8*****
2.4	25.0	18.7	10.4	22.0	0.8	W312A245-P8*****
2.7	25.0	19.3	10.9	22.0	0.8	W312A275-P8*****
3.0	25.0	19.9	11.6	22.0	0.8	W312A305-P8*****
3.3	25.0	20.5	12.1	22.0	0.8	W312A335-P8*****

400Vdc (200Vac)						
Cn (μF)	W max	H max	T max	P	d	Part number
0.010	9.5	7.8	4.1	7.5	0.6	W312G103-J6*****
0.011	9.5	7.9	4.2	7.5	0.6	W312G113-J6*****
0.012	9.5	8.0	4.4	7.5	0.6	W312G123-J6*****
0.013	9.5	8.1	4.5	7.5	0.6	W312G133-J6*****
0.015	9.5	8.4	4.7	7.5	0.6	W312G153-J6*****
0.016	9.5	8.5	4.8	7.5	0.6	W312G163-J6*****
0.018	9.5	8.7	5.0	7.5	0.6	W312G183-J6*****
0.020	9.5	8.9	5.3	7.5	0.6	W312G203-J6*****
0.022	9.5	9.1	5.5	7.5	0.6	W312G223-J6*****
0.024	12.5	8.0	4.3	10.0	0.6	W312G243-K6*****
0.027	12.5	8.1	4.5	10.0	0.6	W312G243-K6*****
0.030	12.5	8.3	4.7	10.0	0.6	W312G303-K6*****
0.033	12.5	8.5	4.8	10.0	0.6	W312G333-K6*****
0.036	12.5	8.6	5.0	10.0	0.6	W312G363-K6*****
0.039	12.5	8.7	5.0	10.0	0.6	W312G393-K6*****
0.043	12.5	8.8	5.2	10.0	0.6	W312G433-K6*****
0.047	12.5	9.0	5.4	10.0	0.6	W312G473-K6*****
0.051	12.5	9.2	5.6	10.0	0.6	W312G513-K6*****
0.056	12.5	9.4	5.8	10.0	0.6	W312G563-K6*****
0.062	12.5	8.9	5.2	10.0	0.6	W312G623-K6*****
0.068	12.5	9.1	5.4	10.0	0.6	W312G683-K6*****
0.075	12.5	9.3	5.7	10.0	0.6	W312G753-K6*****
0.082	12.5	9.5	5.9	10.0	0.6	W312G823-K6*****
0.091	12.5	9.8	6.1	10.0	0.6	W312G913-K6*****
0.10	12.5	10.0	6.4	10.0	0.6	W312G104-K6*****
0.11	12.5	10.3	6.6	10.0	0.6	W312G114-K6*****
0.12	17.5	10.7	5.5	15.0	0.6	W312G124-M6*****
0.13	17.5	10.9	5.7	15.0	0.6	W312G134-M6*****
0.15	17.5	11.2	6.0	15.0	0.6	W312G154-M6*****
0.16	17.5	11.3	6.1	15.0	0.6	W312G164-M6*****
0.18	17.5	11.6	6.4	15.0	0.6	W312G184-M6*****
0.20	17.5	11.9	6.7	15.0	0.6	W312G204-M6*****
0.22	17.5	12.2	7.0	15.0	0.6	W312G224-M6*****
0.24	17.5	12.5	7.3	15.0	0.6	W312G244-M6*****
0.27	17.5	12.9	7.6	15.0	0.8	W312G274-M8*****
0.30	17.5	13.7	8.0	15.0	0.8	W312G304-M8*****
0.33	17.5	14.1	8.4	15.0	0.8	W312G334-M8*****
0.36	17.5	14.4	8.7	15.0	0.8	W312G364-M8*****
0.39	17.5	14.7	9.0	15.0	0.8	W312G394-M8*****
0.43	17.5	15.1	9.4	15.0	0.8	W312G434-M8*****
0.47	17.5	15.5	9.8	15.0	0.8	W312G474-M8*****
0.51	25.0	14.8	7.6	22.0	0.8	W312G514-P8*****
0.56	25.0	15.2	7.9	22.0	0.8	W312G564-P8*****
0.62	25.0	15.6	8.3	22.0	0.8	W312G624-P8*****
0.68	25.0	15.9	9.1	22.0	0.8	W312G684-P8*****
0.75	25.0	16.3	9.6	22.0	0.8	W312G754-P8*****
0.82	25.0	16.7	10.0	22.0	0.8	W312G824-P8*****
0.91	25.0	17.2	10.5	22.0	0.8	W312G914-P8*****
1.0	25.0	17.7	10.9	22.0	0.8	W312G105-P8*****

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

2. 第 12 位表示引线加工和包装代码, L= 直脚 straight lead K= 引线成型 Lead kinked T= 弹带包装 ammo-pack

3. “#”当额定电压时 250Vdc 时, 第 4~5 位代码是 2E。“#”when the rated voltage is 250Vdc, the digit 4~5 is 2E.

■ 外形尺寸 Dimensions (mm)

630Vdc (220Vac) @						
Cn (μF)	W max	H max	T max	P	d	Part number
0.0010	9.5	7.9	4.3	7.5	0.6	W312J102-J6*****
0.0011	9.5	8.1	4.4	7.5	0.6	W312J112-J6*****
0.0012	9.5	8.2	4.5	7.5	0.6	W312J122-J6*****
0.0013	9.5	8.3	4.7	7.5	0.6	W312J132-J6*****
0.0015	9.5	8.1	4.4	7.5	0.6	W312J152-J6*****
0.0016	9.5	8.2	4.5	7.5	0.6	W312J162-J6*****
0.0018	9.5	7.8	4.2	7.5	0.6	W312J182-J6*****
0.0020	9.5	8.0	4.3	7.5	0.6	W312J202-J6*****
0.0022	9.5	8.1	4.5	7.5	0.6	W312J222-J6*****
0.0024	9.5	8.0	4.3	7.5	0.6	W312J242-J6*****
0.0027	9.5	8.1	4.5	7.5	0.6	W312J272-J6*****
0.0030	9.5	8.3	4.7	7.5	0.6	W312J302-J6*****
0.0033	9.5	8.5	4.8	7.5	0.6	W312J332-J6*****
0.0036	9.5	8.0	4.4	7.5	0.6	W312J362-J6*****
0.0039	9.5	8.2	4.5	7.5	0.6	W312J392-J6*****
0.0043	9.5	8.3	4.7	7.5	0.6	W312J432-J6*****
0.0047	9.5	8.5	4.9	7.5	0.6	W312J472-J6*****
0.0051	9.5	8.6	5.0	7.5	0.6	W312J512-J6*****
0.0056	9.5	8.8	5.2	7.5	0.6	W312J562-J6*****
0.0062	9.5	9.0	5.4	7.5	0.6	W312J622-J6*****
0.0068	12.5	8.0	4.4	10.0	0.6	W312J682-K6*****
0.0075	12.5	8.2	4.5	10.0	0.6	W312J752-K6*****
0.0082	12.5	8.3	4.7	10.0	0.6	W312J822-K6*****
0.0091	12.5	8.5	4.9	10.0	0.6	W312J912-K6*****
0.010	12.5	7.8	4.1	10.0	0.6	W312J103-K6*****
0.011	12.5	7.9	4.2	10.0	0.6	W312J113-K6*****
0.012	12.5	8.0	4.4	10.0	0.6	W312J122-K6*****
0.013	12.5	8.1	4.5	10.0	0.6	W312J133-K6*****
0.015	12.5	8.3	4.7	10.0	0.6	W312J153-K6*****
0.016	12.5	8.5	4.8	10.0	0.6	W312J163-K6*****
0.018	12.5	8.6	4.9	10.0	0.6	W312J183-K6*****
0.020	12.5	8.8	5.1	10.0	0.6	W312J203-K6*****
0.022	12.5	8.9	5.3	10.0	0.6	W312J223-K6*****
0.024	12.5	9.1	5.5	10.0	0.6	W312J243-K6*****
0.027	12.5	9.4	5.7	10.0	0.6	W312J273-K6*****
0.030	12.5	9.6	6.0	10.0	0.6	W312J303-K6*****
0.033	12.5	9.9	6.2	10.0	0.6	W312J333-K6*****
0.036	12.5	10.1	6.4	10.0	0.6	W312J363-K6*****
0.039	12.5	10.3	6.7	10.0	0.6	W312J393-K6*****
0.043	17.5	10.7	5.4	15.0	0.6	W312J433-M6*****
0.047	17.5	10.8	5.6	15.0	0.6	W312J473-M6*****
0.051	17.5	11.0	5.8	15.0	0.6	W312J513-M6*****
0.056	17.5	11.2	6.0	15.0	0.6	W312J563-M6*****
0.062	17.5	11.4	6.2	15.0	0.6	W312J623-M6*****
0.068	17.5	11.7	6.5	15.0	0.6	W312J683-M6*****
0.075	17.5	11.9	6.7	15.0	0.6	W312J753-M6*****
0.082	17.5	12.2	7.0	15.0	0.6	W312J823-M6*****
0.091	17.5	12.5	7.3	15.0	0.6	W312J913-M6*****
0.10	17.5	12.8	7.6	15.0	0.8	W312J104-M8*****
0.11	17.5	13.6	7.9	15.0	0.8	W312J114-M8*****
0.12	17.5	13.9	8.2	15.0	0.8	W312J124-M8*****
0.13	17.5	14.2	8.5	15.0	0.8	W312J134-M8*****
0.15	17.5	14.7	9.0	15.0	0.8	W312J154-M8*****
0.16	17.5	15.0	9.3	15.0	0.8	W312J164-M8*****
0.18	17.5	15.5	9.8	15.0	0.8	W312J184-M8*****
0.20	17.5	16.0	10.3	15.0	0.8	W312J204-M8*****
0.22	25.0	15.2	7.9	22.0	0.8	W312J224-P8*****
0.24	25.0	15.5	8.2	22.0	0.8	W312J244-P8*****
0.27	25.0	15.9	9.2	22.0	0.8	W312J274-P8*****
0.30	25.0	16.4	9.6	22.0	0.8	W312J304-P8*****
0.33	25.0	16.8	10.0	22.0	0.8	W312J334-P8*****

630Vdc (220Vac) @						
Cn (μF)	W max	H max	T max	P	d	Part number
0.36	25.0	17.2	10.4	22.0	0.8	W312J364-P8*****
0.39	25.0	17.6	10.8	22.0	0.8	W312J394-P8*****
0.43	25.0	18.1	11.3	22.0	0.8	W312J434-P8*****
0.47	25.0	18.6	11.8	22.0	0.8	W312J474-P8*****
0.51	25.0	19.0	12.2	22.0	0.8	W312J514-P8*****
0.56	25.0	19.6	12.8	22.0	0.8	W312J564-P8*****

1 000/1 250Vdc# (400Vac)						
Cn (μF)	W max	H max	T max	P	d	Part number
0.0010	9.5	7.9	4.3	7.5	0.6	W313A102-J6*****
0.0011	9.5	8.1	4.4	7.5	0.6	W313A112-J6*****
0.0012	9.5	8.2	4.5	7.5	0.6	W313A122-J6*****
0.0013	9.5	8.3	4.7	7.5	0.6	W313A132-J6*****
0.0015	9.5	8.1	4.4	7.5	0.6	W313A152-J6*****
0.0016	9.5	8.2	4.5	7.5	0.6	W313A162-J6*****
0.0018	9.5	7.8	4.2	7.5	0.6	W313A182-J6*****
0.0020	9.5	8.0	4.3	7.5	0.6	W313A202-J6*****
0.0022	9.5	8.1	4.5	7.5	0.6	W313A222-J6*****
0.0024	9.5	7.7	4.0	7.5	0.6	W313A242-J6*****
0.0027	9.5	7.8	4.2	7.5	0.6	W313A272-J6*****
0.0030	9.5	8.0	4.4	7.5	0.6	W313A302-J6*****
0.0033	9.5	8.2	4.5	7.5	0.6	W313A332-J6*****
0.0036	9.5	8.3	4.7	7.5	0.6	W313A362-J6*****
0.0039	9.5	8.4	4.8	7.5	0.6	W313A392-J6*****
0.0043	9.5	8.2	4.5	7.5	0.6	W313A432-J6*****
0.0047	9.5	8.3	4.7	7.5	0.6	W313A472-J6*****
0.0051	9.5	8.5	4.8	7.5	0.6	W313A512-J6*****
0.0056	9.5	8.7	5.0	7.5	0.6	W313A562-J6*****
0.0062	9.5	8.7	5.0	7.5	0.6	W313A622-J6*****
0.0068	12.5	8.9	5.2	10.0	0.6	W313A682-K6*****
0.0075	12.5	9.1	5.4	10.0	0.6	W313A752-K6*****
0.0082	12.5	9.3	5.6	10.0	0.6	W313A822-K6*****
0.0091	12.5	9.5	5.9	10.0	0.6	W313A912-K6*****

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

2. 第 12 位表示引线加工和包装代码, L= 直脚 straight lead K= 引线成型 Lead kinked T= 弹带包装 ammo-pack

3. “#”当额定电压是 1250VDC 时, 第 4~5 位代码是 3B. “#”when the rated voltage is 250Vdc, the digit 4~5 is3B.

4. “@” 不适用跨线电路应用 Not suitable for across-the-line applications.