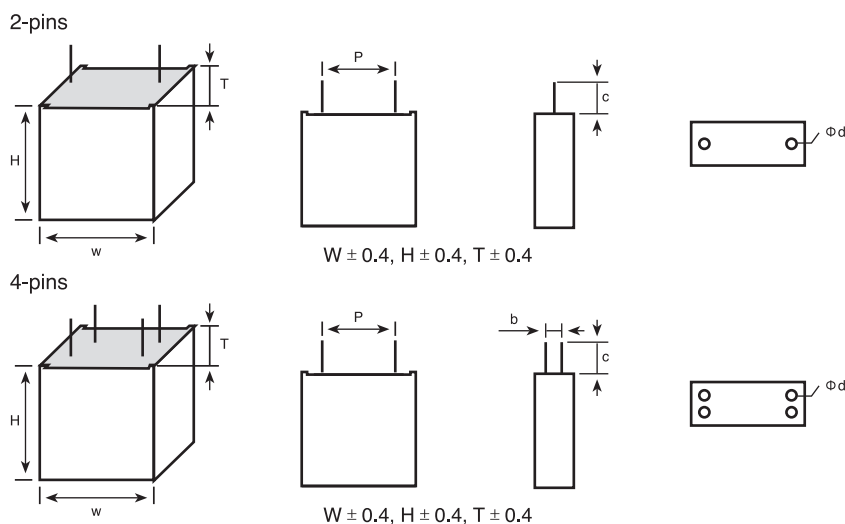




# C34

## 金属化聚丙烯膜电容器 Metallized polypropylene film capacitor(Box-type)

### ■ 外形图 Outline Drawing



### ■ 特点

- 金属化聚丙烯结构
- 良好的电性能
- 塑料外壳(UL94 V-0)、阻燃环氧填充

### ■ 主要用途

- 大纹波电流直流滤波应用
- 直流母线滤波电容(如: 工业变频器, 太阳能变流器)

### ■ Features

- metallized polypropylene structure
- excellent electric property
- Plastic case (UL94 V-0), Epoxy resin sealing

### ■ Typical Applications

- DC filter for high ripple current
- DC-Bus filter capacitor  
(i.e. industrial inverter, Solar inverter etc.)

### ■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 17702 (IEC 61071-1)
气候类别 Climatic Category	40/85/56
额定温度 Rated Temperature	70℃
工作温度范围 Operating Temperature Range	-40℃~85℃ (+70℃ to +85℃: decreasing factor 1.25% per ℃ for $V_R$ (dc))
额定电压 Rated Voltage	520Vdc, 700Vdc, 900Vdc
电容量范围 Capacitance Range	1.0μF~100μF
电容量偏差 Capacitance Tolerance	± 5%(J), ± 10%(K), ± 20%(M)
耐电压 Voltage Proof	1.50 $U_R$ (5s)
损耗角正切 Dissipation Factor	≤ 10 × 10 <sup>-4</sup> (1kHz, 20℃)
绝缘电阻 Insulation Resistance	≥ 10 000s (20℃, 100V, 1min)

## 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	3	4															

第1~3位	薄膜电容器系列代码 C34	Digit 1 to 3	Series code of film capacitor C34
第4~5位	直流额定电压 2T=520V 1V=700V 1X=900V	Digit 4 to 5	DC rated voltage 2T=520V 1V=700V 1X=900V
第6~8位	标称容量 举例: 106=10 x 10 <sup>6</sup> pF=10.0μF	Digit 6 to 8	Rated capacitance value For example: 106=10 x 10 <sup>6</sup> pF=10.0μF
第9位	容量偏差 J= ± 5%, K= ± 10%, M= ± 20%	Digit 9	Capacitance tolerance J= ± 5%, K= ± 10%, M= ± 20%
第10位	引线脚距 P B=27.5mm F=37.5mm M=52.5mm	Digit 10	Pitch B=27.5mm F=37.5mm M=52.5mm
第11位	内部特征码	Digit 11	Internal use
第12位	引线间距 b 1=10.0mm 2=12.7mm 3=20.0mm	Digit 12	Lead form and packaging code 1=10.0mm 2=12.7mm 3=20.0mm
第13位	包装方式 C=散装	Digit 13	Packing code C= bulk
第14位	引线长度 c 0=5.5mm	Digit 14	Lead length c 0=5.5mm
第15位	引线长度偏差 0= ± 1.0mm	Digit 15	Lead length tolerance 0= ± 1.0mm
第16~18位	内部特征码	Digit 16 to 18	Internal use



# C34

## ■ 外形尺寸 Dimensions(mm)

520Vdc								520Vdc							
容量 ( $\mu$ F)	W	H	T	P $\pm 1.0$	b $\pm 0.5$	d $\pm 0.05$	产品代码 Part number	容量 ( $\mu$ F)	W	H	T	P $\pm 1.0$	b $\pm 0.5$	d $\pm 0.05$	产品代码 Part number
2.2	32.0	18.0	9.0	27.5	---	0.8	C342T225-B00C00+++	27.0	42.0	45.0	30.0	37.5	12.7	1.0	C342T276-F02C00+++
2.7	32.0	20.0	11.0	27.5	---	0.8	C342T275-B00C00+++	33.0	42.0	45.0	30.0	37.5	20.0	1.0	C342T336-F03C00+++
3.3	32.0	20.0	11.0	27.5	---	0.8	C342T335-B00C00+++	35.0	42.0	45.0	30.0	37.5	20.0	1.0	C342T356-F03C00+++
3.9	32.0	22.0	13.0	27.5	---	0.8	C342T395-B00C00+++	39.0	42.0	42.0	42.0	37.5	20.0	1.0	C342T396-F03C00+++
4.7	32.0	25.0	13.0	27.5	---	0.8	C342T475-B00C00+++	30.0	57.0	45.0	25.0	52.5	12.7	1.2	C342T306-M02C00+++
5.0	32.0	25.0	13.0	27.5	---	0.8	C342T505-B00C00+++	35.0	57.0	45.0	25.0	52.5	12.7	1.2	C342T356-M02C00+++
5.6	32.0	28.0	14.0	27.5	---	0.8	C342T565-B00C00+++	40.0	57.0	45.0	25.0	52.5	12.7	1.2	C342T406-M02C00+++
6.8	32.0	28.0	14.0	27.5	---	0.8	C342T685-B00C00+++	45.0	57.0	45.0	25.0	52.5	12.7	1.2	C342T456-M02C00+++
7.5	32.0	30.0	16.0	27.5	---	0.8	C342T755-B00C00+++	50.0	57.0	45.0	30.0	52.5	20.0	1.2	C342T506-M03C00+++
8.2	32.0	33.0	18.0	27.5	10.0	0.8	C342T825-B01C00+++	55.0	57.0	50.0	35.0	52.5	20.0	1.2	C342T556-M03C00+++
10.0	32.0	33.0	18.0	27.5	12.7	0.8	C342T106-B02C00+++	60.0	57.0	50.0	35.0	52.5	20.0	1.2	C342T606-M03C00+++
12.0	32.0	37.0	22.0	27.5	12.7	0.8	C342T126-B02C00+++	65.0	57.0	50.0	35.0	52.5	20.0	1.2	C342T656-M03C00+++
13.0	32.0	37.0	22.0	27.5	12.7	0.8	C342T136-B02C00+++	70.0	57.0	50.0	35.0	52.5	20.0	1.2	C342T706-M03C00+++
15.0	32.0	37.0	22.0	27.5	12.7	0.8	C342T156-B02C00+++	75.0	57.0	55.0	45.0	52.5	20.0	1.2	C342T756-M03C00+++
8.2	42.0	30.0	16.0	37.5	10.0	1.0	C342T825-F01C00+++	80.0	57.0	55.0	45.0	52.5	20.0	1.2	C342T806-M03C00+++
10.0	42.0	30.0	16.0	37.5	10.0	1.0	C342T106-F01C00+++	85.0	57.0	55.0	45.0	52.5	20.0	1.2	C342T856-M03C00+++
12.0	42.0	33.5	18.5	37.5	12.7	1.0	C342T126-F02C00+++	90.0	57.0	55.0	45.0	52.5	20.0	1.2	C342T906-M03C00+++
15.0	42.0	40.0	20.0	37.5	12.7	1.0	C342T156-F02C00+++	95.0	57.0	55.0	45.0	52.5	20.0	1.2	C342T956-M03C00+++
18.0	42.0	40.0	20.0	37.5	12.7	1.0	C342T186-F02C00+++	100.0	57.0	55.0	45.0	52.5	20.0	1.2	C342T107-M03C00+++
22.0	42.0	44.0	24.0	37.5	12.7	1.0	C342T226-F02C00+++								

备注：“-”表示容量偏差。“-”=capacitance tolerance code, M=  $\pm 20\%$ , K=  $\pm 10\%$ , J=  $\pm 5\%$ ;

■ 外形尺寸 Dimensions(mm)

700Vdc							
容量 (μF)	W	H	T	P ±1.0	b ±0.5	d ±0.05	产品代码 Part number
1.8	32.0	18.0	9.0	27.5	---	0.8	C341V185-B00C00+++
2.2	32.0	20.0	11.0	27.5	---	0.8	C341V225-B00C00+++
2.7	32.0	22.0	13.0	27.5	---	0.8	C341V275-B00C00+++
3.3	32.0	22.0	13.0	27.5	---	0.8	C341V335-B00C00+++
3.9	32.0	25.0	13.0	27.5	---	0.8	C341V395-B00C00+++
4.7	32.0	28.0	14.0	27.5	---	0.8	C341V475-B00C00+++
4.7	32.0	24.5	15.0	27.5	---	0.8	C341V475-BA0C00+++
5.0	32.0	30.0	16.0	27.5	---	0.8	C341V505-B00C00+++
5.6	32.0	30.0	16.0	27.5	---	0.8	C341V565-B00C00+++
6.8	32.0	33.0	18.0	27.5	10.0	0.8	C341V685-B01C00+++
7.5	32.0	33.0	18.0	27.5	12.7	0.8	C341V755-B02C00+++
8.2	32.0	33.0	18.0	27.5	12.7	0.8	C341V825-B02C00+++
10.0	32.0	37.0	22.0	27.5	12.7	0.8	C341V106-B02C00+++
8.2	42.0	30.0	16.0	37.5	10.0	1.0	C341V825-F01C00+++
10.0	42.0	33.5	18.5	37.5	12.7	1.0	C341V106-F02C00+++
12.0	42.0	33.5	18.5	37.5	12.7	1.0	C341V126-F02C00+++
13.0	42.0	40.0	20.0	37.5	12.7	1.0	C341V136-F02C00+++
15.0	42.0	37.0	22.0	37.5	12.7	1.0	C341V156-F02C00+++
15.0	42.0	24.0	32.0	37.5	12.7	1.0	C341V156-FA2C00+++
16.0	42.0	37.0	22.0	37.5	12.7	1.0	C341V166-F02C00+++
18.0	42.0	37.0	22.0	37.5	12.7	1.0	C341V186-F02C00+++
20.0	42.0	45.0	30.0	37.5	12.7	1.0	C341V206-F02C00+++
22.0	42.0	45.0	30.0	37.5	12.7	1.0	C341V226-F02C00+++
27.0	42.0	45.0	30.0	37.5	20.0	1.0	C341V276-F03C00+++
25.0	57.0	45.0	25.0	52.5	12.7	1.2	C341V256-M02C00+++
30.0	57.0	45.0	25.0	52.5	12.7	1.2	C341V306-M02C00+++
35.0	57.0	45.0	30.0	52.5	20.0	1.2	C341V356-M03C00+++
40.0	57.0	45.0	30.0	52.5	20.0	1.2	C341V406-M03C00+++
45.0	57.0	50.0	35.0	52.5	20.0	1.2	C341V456-M03C00+++
50.0	57.0	50.0	35.0	52.5	20.0	1.2	C341V506-M03C00+++
55.0	57.0	55.0	45.0	52.5	20.0	1.2	C341V556-M03C00+++
60.0	57.0	55.0	45.0	52.5	20.0	1.2	C341V606-M03C00+++
65.0	57.0	55.0	45.0	52.5	20.0	1.2	C341V656-M03C00+++
70.0	57.0	55.0	45.0	52.5	20.0	1.2	C341V706-M03C00+++
75.0	57.0	55.0	45.0	52.5	20.0	1.2	C341V756-M03C00+++

900Vdc							
容量 (μF)	W	H	T	P ±1.0	b ±0.5	d ±0.05	产品代码 Part number
1.0	32.0	18.0	9.0	27.5	---	0.8	C341X105-B00C00+++
1.2	32.0	20.0	11.0	27.5	---	0.8	C341X125-B00C00+++
1.5	32.0	20.0	11.0	27.5	---	0.8	C341X155-B00C00+++
1.8	32.0	22.0	13.0	27.5	---	0.8	C341X185-B00C00+++
2.2	32.0	25.0	13.0	27.5	---	0.8	C341X225-B00C00+++
2.7	32.0	28.0	14.0	27.5	---	0.8	C341X275-B00C00+++
3.3	32.0	30.0	16.0	27.5	---	0.8	C341X335-B00C00+++
3.9	32.0	30.0	16.0	27.5	10.0	0.8	C341X395-B01C00+++
4.7	32.0	33.0	18.0	27.5	12.7	0.8	C341X475-B02C00+++
5.0	32.0	33.0	18.0	27.5	12.7	0.8	C341X505-B02C00+++
5.6	32.0	37.0	22.0	27.5	12.7	0.8	C341X565-B02C00+++
6.8	32.0	37.0	22.0	27.5	12.7	0.8	C341X685-B02C00+++
4.7	42.0	30.0	16.0	37.5	10.0	1.0	C341X475-F01C00+++
5.6	42.0	33.0	18.5	37.5	12.7	1.0	C341X565-F02C00+++
6.8	42.0	40.0	20.0	37.5	12.7	1.0	C341X685-F02C00+++
8.2	42.0	40.0	20.0	37.5	12.7	1.0	C341X825-F02C00+++
10.0	42.0	37.0	22.0	37.5	12.7	1.0	C341X106-F02C00+++
12.0	42.0	45.0	30.0	37.5	12.7	1.0	C341X126-F02C00+++
12.5	42.0	45.0	30.0	37.5	20.0	1.0	C341X12E-F03C00+++
13.0	42.0	45.0	30.0	37.5	20.0	1.0	C341X136-F03C00+++
15.0	42.0	45.0	30.0	37.5	20.0	1.0	C341X156-F03C00+++
30.0	42.0	60.0	45.0	37.5	20.0	1.0	C341X306-F03C00+++
15.0	57.0	45.0	25.0	52.5	12.7	1.2	C341X156-M02C00+++
20.0	57.0	45.0	30.0	52.5	20.0	1.2	C341X206-M03C00+++
25.0	57.0	45.0	30.0	52.5	20.0	1.2	C341X256-M03C00+++
30.0	57.0	50.0	35.0	52.5	20.0	1.2	C341X306-M03C00+++
35.0	57.0	55.0	45.0	52.5	20.0	1.2	C341X356-M03C00+++
40.0	57.0	55.0	45.0	52.5	20.0	1.2	C341X406-M03C00+++
45.0	57.0	55.0	45.0	52.5	20.0	1.2	C341X456-M03C00+++

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