

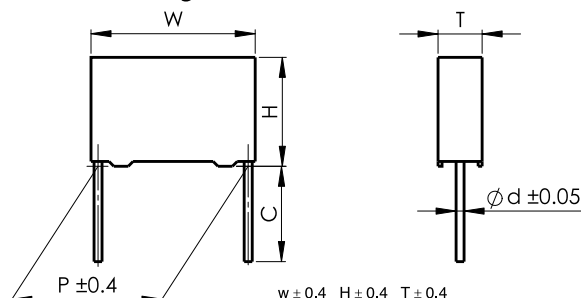


C82
MMKP82 series

塑料外壳双面金属化聚丙烯膜电容器

Double sided metallized polypropylene film capacitor (Box-type)

■ 外形图 Outline Drawing



■ 特点

- 双面金属化聚丙烯膜
- 损耗小，内部温升小
- 负电容量温度系数
- 优异的阻燃性能

■ 主要用途

- 广泛应用于高压高频脉冲电路中
- 电子镇流器和节能灯中
- 吸收和SCR整流电路

■ Features

- Doublesided metallized polypropylene film
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Exellent active and passive flame resistant abilities

■ Typical Applications

- Widely used in high voltage, high frequency and pulse circuit
- Electronic ballasts and compact lamps
- SNUBBER and SCR commutating circuits

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 10190(IEC 60384-16)					
气候类别 Climatic Category	40/105/56					
额定温度 Rated Temperature	85℃ for U_R (dc); 75℃ for U_R (ac)					
工作温度 Operating Temperature Range	-40℃ ~105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for U_R (dc)) (+75℃ to +105℃: decreasing factor 1.35% per °C for U_R (ac))					
额定电压 Rated Voltage	250V, 400V, 630V, 1 000V, 1 600V, 2 000V					
电容量范围 Capacitance Range	0.00022μF ~ 3.9μF					
电容量偏差 Capacitance Tolerance	±2%(G), ±3%(H), ±5%(J), ±10%(K), ±20%(M)					
耐电压 Voltage Proof	1.6 U_R (5s)					
损耗角正切 Dissipation Factor	$\leq 10 \times 10^{-4}$ (1kHz, 20℃)					
绝缘电阻 Insulation Resistance	$R \geq 100\,000M\Omega$, $C_N \leq 0.33\mu F$ $RC_N \geq 30\,000$, $C_N > 0.33\mu F$ (20℃ ,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 U_R 低, 电容器可工作在更高的 dV/dt 场合, 这样 dv/dt 允许值应为右表值乘以 U_R/U 。 If the working voltage(U) is lower than the rated voltage(U_R), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U_R/U .	$U_R(V)$	dV/dt (V/μs)				
		P=7.5	P=10.0	P=15.0	P=22.5	P=27.5
	250	1 200	1 000	550	250	200
	400	1 800	1 500	900	500	300
	630	3 200	3 200	2 500	1 500	900
	1 000	6 000	6 000	3 300	2 100	1 000
	1 600	---	---	6 000	3 000	2 000
	2 000	---	---	10 000	5 000	2 200

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	8	2															

第1~3位	型号代码	Digit 1 to 3	Series code
	C82= MMKP82		C82= MMKP82
第4~5位	直流额定电压	Digit 4 to 5	D.C. rated voltage
	2E=250V 2G=400V 2J=630V		2E=250V 2G=400V 2J=630V
	3A=1 000V 3C=1 600V 3D=2 000V		3A=1 000V 3C=1 600V 3D=2 000V
第6~8位	标称容量	Digit 6 to 8	Rated capacitance value
	举例：103=10 × 10 ³ pF=0.01μF		For example: 103=10 × 10 ³ pF=0.01μF
第9位	容量偏差	Digit 9	Capacitance tolerance
	G= ± 2%,H = ± 3%,J= ± 5%		G= ± 2%,H = ± 3%,J= ± 5%
	K= ± 10%, M= ± 20%		K= ± 10%, M= ± 20%
第10位	引线脚距P	Digit 10	Pitch
	3=7.5mm 4=10.0mm 6=15.0mm		3=7.5mm 4=10.0mm 6=15.0mm
	9=22.5mm B=27.5mm		9=22.5mm B=27.5mm
第11位	内部特征码	Digit 11	Internal use
第12~15位	引线加工和包装代码	Digit 12 to 15	Lead form and packaging code
第16~18位	内部特征码	Digit 16 to 18	Internal use

■ Table 1 引线加工和包装代码 lead form and packaging code

第 12 位 Digit 12		第 13 位 Digit 13		第 14 位 Digit 14		第 15 位 Digit 15	
代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation
A	弹带包装 ammo-pack	3 4 6	F=7.5mm F=10.0mm F=15.0mm	0	表示直脚 straight	1 5	产品在连续的两个载带孔之间 each cap. among two consecutive holes P3=12.7mm,H=18.5mm (For pitch=7.5mm) P3=25.4mm;H=18.5mm (For pitch=10/15mm) (Detail parameter refer to pag 17)
C	直脚 straight lead “C” in the figure above	代码 Code	说明 explanation			0	引线长度偏差 ± 0.5mm 或标准长度 Length tolerance ± 0.5mm Or standard length
		00	标准的引线长度 (18mm~26mm) standard lead length				
		45	引线长度 4.5mm lead length 4.5mm				



C82
MMKP82 series

■ 外形尺寸 Dimensions (mm)

250Vdc(180Vac)						
C _N (μF)	W	H	T	P	d	Part number
0.0068	10.5	9.0	4.0	7.5	0.6	C822E682-30****+++
0.0082	10.5	9.0	4.0	7.5	0.6	C822E822-30****+++
0.010	10.5	9.0	4.0	7.5	0.6	C822E103-30****+++
0.012	10.5	9.0	4.0	7.5	0.6	C822E123-30****+++
0.015	10.5	9.0	4.0	7.5	0.6	C822E153-30****+++
0.018	10.5	9.0	4.0	7.5	0.6	C822E183-30****+++
0.022	10.5	9.0	4.0	7.5	0.6	C822E223-30****+++
0.027	10.5	11.0	5.0	7.5	0.6	C822E273-30****+++
0.033	10.5	11.0	5.0	7.5	0.6	C822E333-30****+++
0.039	10.5	12.0	6.0	7.5	0.6	C822E393-30****+++
0.047	10.5	12.0	6.0	7.5	0.6	C822E473-30****+++
0.027	13.0	9.0	4.0	10.0	0.6	C822E273-40****+++
0.033	13.0	9.0	4.0	10.0	0.6	C822E333-40****+++
0.039	13.0	9.0	4.0	10.0	0.6	C822E393-40****+++
0.047	13.0	11.0	5.0	10.0	0.6	C822E473-40****+++
0.056	13.0	11.0	5.0	10.0	0.6	C822E563-40****+++
0.068	13.0	12.0	6.0	10.0	0.6	C822E683-40****+++
0.082	13.0	12.0	6.0	10.0	0.6	C822E823-40****+++
0.068	17.5	11.0	5.0	15.0	0.8	C822E683-60****+++
0.082	17.5	11.0	5.0	15.0	0.8	C822E823-60****+++
0.10	17.5	11.0	5.0	15.0	0.8	C822E104-60****+++
0.12	17.5	12.0	6.0	15.0	0.8	C822E124-60****+++
0.15	17.5	12.0	6.0	15.0	0.8	C822E154-60****+++
0.18	17.5	13.5	7.5	15.0	0.8	C822E184-60****+++
0.22	17.5	13.5	7.5	15.0	0.8	C822E224-60****+++
0.27	17.5	14.5	8.5	15.0	0.8	C822E274-60****+++
0.33	17.5	16.0	10.0	15.0	0.8	C822E334-60****+++
0.39	17.5	16.0	10.0	15.0	0.8	C822E394-60****+++
0.22	26.5	15.0	6.0	22.5	0.8	C822E224-90****+++
0.27	26.5	15.0	6.0	22.5	0.8	C822E274-90****+++
0.33	26.5	15.0	6.0	22.5	0.8	C822E334-90****+++
0.39	26.5	16.0	7.0	22.5	0.8	C822E394-90****+++
0.47	26.5	16.0	7.0	22.5	0.8	C822E474-90****+++
0.56	26.5	17.0	8.5	22.5	0.8	C822E564-90****+++
0.68	26.5	18.5	10.0	22.5	0.8	C822E684-90****+++
0.82	26.5	18.5	10.0	22.5	0.8	C822E824-90****+++
1.0	26.5	22.0	12.0	22.5	0.8	C822E105-90****+++
0.82	32.0	18.0	9.0	27.5	0.8	C822E824-B0****+++
1.0	32.0	20.0	11.0	27.5	0.8	C822E105-B0****+++
1.2	32.0	20.0	11.0	27.5	0.8	C822E125-B0****+++
1.5	32.0	22.0	13.0	27.5	0.8	C822E155-B0****+++
1.8	32.0	24.5	15.0	27.5	0.8	C822E185-B0****+++
2.2	32.0	24.5	15.0	27.5	0.8	C822E225-B0****+++
2.7	32.0	33.0	18.0	27.5	0.8	C822E275-B0****+++
3.3	32.0	33.0	18.0	27.5	0.8	C822E335-B0****+++
3.9	32.0	33.0	18.0	27.5	0.8	C822E395-B0****+++

400Vdc(250Vac) [@]						
C _N (μF)	W	H	T	P	d	Part number
0.0027	10.5	9.0	4.0	7.5	0.6	C822G272-30****+++
0.0033	10.5	9.0	4.0	7.5	0.6	C822G332-30****+++
0.0039	10.5	9.0	4.0	7.5	0.6	C822G392-30****+++
0.0047	10.5	9.0	4.0	7.5	0.6	C822G472-30****+++
0.0056	10.5	9.0	4.0	7.5	0.6	C822G562-30****+++
0.0068	10.5	9.0	4.0	7.5	0.6	C822G682-30****+++
0.0082	10.5	9.0	4.0	7.5	0.6	C822G822-30****+++
0.010	10.5	9.0	4.0	7.5	0.6	C822G103-30****+++
0.012	10.5	9.0	4.0	7.5	0.6	C822G123-30****+++
0.015	10.5	11.0	5.0	7.5	0.6	C822G153-30****+++
0.018	10.5	11.0	5.0	7.5	0.6	C822G183-30****+++
0.022	10.5	12.0	6.0	7.5	0.6	C822G223-30****+++
0.027	10.5	12.0	6.0	7.5	0.6	C822G273-30****+++
0.010	13.0	9.0	4.0	10.0	0.6	C822G103-40****+++
0.012	13.0	9.0	4.0	10.0	0.6	C822G123-40****+++
0.015	13.0	9.0	4.0	10.0	0.6	C822G153-40****+++
0.018	13.0	9.0	4.0	10.0	0.6	C822G183-40****+++
0.022	13.0	9.0	4.0	10.0	0.6	C822G223-40****+++
0.027	13.0	11.0	5.0	10.0	0.6	C822G273-40****+++
0.033	13.0	11.0	5.0	10.0	0.6	C822G333-40****+++
0.039	13.0	12.0	6.0	10.0	0.6	C822G393-40****+++
0.047	13.0	12.0	6.0	10.0	0.6	C822G473-40****+++
0.033	17.5	11.0	5.0	15.0	0.8	C822G333-60****+++
0.039	17.5	11.0	5.0	15.0	0.8	C822G393-60****+++
0.047	17.5	11.0	5.0	15.0	0.8	C822G473-60****+++
0.056	17.5	11.0	5.0	15.0	0.8	C822G563-60****+++
0.068	17.5	12.0	6.0	15.0	0.8	C822G683-60****+++
0.082	17.5	12.0	6.0	15.0	0.8	C822G823-60****+++
0.10	17.5	13.5	7.5	15.0	0.8	C822G104-60****+++
0.12	17.5	13.5	7.5	15.0	0.8	C822G124-60****+++
0.15	17.5	14.5	8.5	15.0	0.8	C822G154-60****+++
0.18	17.5	16.0	10.0	15.0	0.8	C822G184-60****+++
0.22	17.5	16.0	10.0	15.0	0.8	C822G224-60****+++
0.27	17.5	19.0	11.0	15.0	0.8	C822G274-60****+++
0.12	26.5	15.0	6.0	22.5	0.8	C822G124-90****+++
0.15	26.5	15.0	6.0	22.5	0.8	C822G154-90****+++
0.18	26.5	15.0	6.0	22.5	0.8	C822G184-90****+++
0.22	26.5	16.0	7.0	22.5	0.8	C822G224-90****+++
0.27	26.5	17.0	8.5	22.5	0.8	C822G274-90****+++
0.33	26.5	17.0	8.5	22.5	0.8	C822G334-90****+++
0.39	26.5	18.5	10.0	22.5	0.8	C822G394-90****+++
0.47	26.5	18.5	10.0	22.5	0.8	C822G474-90****+++
0.56	26.5	22.0	12.0	22.5	0.8	C822G564-90****+++
0.68	26.5	22.0	12.0	22.5	0.8	C822G684-90****+++
0.39	32.0	18.0	9.0	27.5	0.8	C822G394-B0****+++
0.47	32.0	18.0	9.0	27.5	0.8	C822G474-B0****+++
0.56	32.0	20.0	11.0	27.5	0.8	C822G564-B0****+++
0.68	32.0	20.0	11.0	27.5	0.8	C822G684-B0****+++
0.82	32.0	22.0	13.0	27.5	0.8	C822G824-B0****+++
1.0	32.0	24.5	15.0	27.5	0.8	C822G105-B0****+++
1.2	32.0	24.5	15.0	27.5	0.8	C822G125-B0****+++
1.5	32.0	33.0	18.0	27.5	0.8	C822G155-B0****+++
1.8	32.0	33.0	18.0	27.5	0.8	C822G185-B0****+++

- 备注: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%
2. “****”表示引线加工和包装代码(见表1)。“****”=lead form and packing code (refer to table 1)
3. “@”不用作跨线,请参见抗干扰电容器(Pag.109)
“@” Not suitable for across-the-line applications. Pls refer to Interference Suppression Capacitors(Pag.109)

■ 外形尺寸 Dimensions (mm)

630Vdc(400Vac)						
C _N (μF)	W	H	T	P	d	Part number
0.00068	10.5	9.0	4.0	7.5	0.6	C822J681-30****+++
0.00082	10.5	9.0	4.0	7.5	0.6	C822J821-30****+++
0.0010	10.5	9.0	4.0	7.5	0.6	C822J102-30****+++
0.0012	10.5	9.0	4.0	7.5	0.6	C822J122-30****+++
0.0015	10.5	9.0	4.0	7.5	0.6	C822J152-30****+++
0.0018	10.5	9.0	4.0	7.5	0.6	C822J182-30****+++
0.0022	10.5	9.0	4.0	7.5	0.6	C822J222-30****+++
0.0027	10.5	9.0	4.0	7.5	0.6	C822J272-30****+++
0.0033	10.5	9.0	4.0	7.5	0.6	C822J332-30****+++
0.0039	10.5	9.0	4.0	7.5	0.6	C822J392-30****+++
0.0047	10.5	9.0	4.0	7.5	0.6	C822J472-30****+++
0.0056	10.5	9.0	4.0	7.5	0.6	C822J562-30****+++
0.0068	10.5	11.0	5.0	7.5	0.6	C822J682-30****+++
0.0082	10.5	11.0	5.0	7.5	0.6	C822J822-30****+++
0.010	10.5	12.0	6.0	7.5	0.6	C822J103-30****+++
0.012	10.5	12.0	6.0	7.5	0.6	C822J123-30****+++
0.0039	13.0	9.0	4.0	10.0	0.6	C822J392-40****+++
0.0047	13.0	9.0	4.0	10.0	0.6	C822J472-40****+++
0.0056	13.0	9.0	4.0	10.0	0.6	C822J562-40****+++
0.0068	13.0	9.0	4.0	10.0	0.6	C822J682-40****+++
0.0082	13.0	9.0	4.0	10.0	0.6	C822J822-40****+++
0.010	13.0	11.0	5.0	10.0	0.6	C822J103-40****+++
0.012	13.0	11.0	5.0	10.0	0.6	C822J123-40****+++
0.015	13.0	12.0	6.0	10.0	0.6	C822J153-40****+++
0.018	13.0	12.0	6.0	10.0	0.6	C822J183-40****+++
0.010	17.5	11.0	5.0	15.0	0.8	C822J103-60****+++
0.012	17.5	11.0	5.0	15.0	0.8	C822J123-60****+++
0.015	17.5	11.0	5.0	15.0	0.8	C822J153-60****+++
0.018	17.5	11.0	5.0	15.0	0.8	C822J183-60****+++
0.022	17.5	11.0	5.0	15.0	0.8	C822J223-60****+++
0.027	17.5	11.0	5.0	15.0	0.8	C822J273-60****+++
0.033	17.5	12.0	6.0	15.0	0.8	C822J333-60****+++

630Vdc(400Vac)						
C _N (μF)	W	H	T	P	d	Part number
0.039	17.5	12.0	6.0	15.0	0.8	C822J393-60****+++
0.047	17.5	12.0	6.0	15.0	0.8	C822J473-60****+++
0.056	17.5	13.5	7.5	15.0	0.8	C822J563-60****+++
0.068	17.5	14.5	8.5	15.0	0.8	C822J683-60****+++
0.082	17.5	14.5	8.5	15.0	0.8	C822J823-60****+++
0.10	17.5	16.0	10.0	15.0	0.8	C822J104-60****+++
0.12	17.5	19.0	11.0	15.0	0.8	C822J124-60****+++
0.047	26.5	15.0	6.0	22.5	0.8	C822J473-90****+++
0.056	26.5	15.0	6.0	22.5	0.8	C822J563-90****+++
0.068	26.5	15.0	6.0	22.5	0.8	C822J683-90****+++
0.082	26.5	15.0	6.0	22.5	0.8	C822J823-90****+++
0.10	26.5	15.0	6.0	22.5	0.8	C822J104-90****+++
0.12	26.5	16.0	7.0	22.5	0.8	C822J124-90****+++
0.15	26.5	17.0	8.5	22.5	0.8	C822J154-90****+++
0.18	26.5	17.0	8.5	22.5	0.8	C822J184-90****+++
0.22	26.5	18.5	10.0	22.5	0.8	C822J224-90****+++
0.27	26.5	22.0	12.0	22.5	0.8	C822J274-90****+++
0.33	26.5	22.0	12.0	22.5	0.8	C822J334-90****+++
0.39	26.5	22.0	12.0	22.5	0.8	C822J394-90****+++
0.15	32.0	18.0	9.0	27.5	0.8	C822J154-B0****+++
0.18	32.0	18.0	9.0	27.5	0.8	C822J184-B0****+++
0.22	32.0	18.0	9.0	27.5	0.8	C822J224-B0****+++
0.27	32.0	18.0	9.0	27.5	0.8	C822J274-B0****+++
0.33	32.0	20.0	11.0	27.5	0.8	C822J334-B0****+++
0.39	32.0	20.0	11.0	27.5	0.8	C822J394-B0****+++
0.47	32.0	22.0	13.0	27.5	0.8	C822J474-B0****+++
0.56	32.0	22.0	13.0	27.5	0.8	C822J564-B0****+++
0.68	32.0	24.5	15.0	27.5	0.8	C822J684-B0****+++
0.82	32.0	28.0	14.0	27.5	0.8	C822J824-B0****+++
1.0	32.0	33.0	18.0	27.5	0.8	C822J105-B0****+++
1.2	32.0	33.0	18.0	27.5	0.8	C822J125-B0****+++

备注: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%
2. “****”表示引线加工和包装代码(见table 1)。“****”=lead form and packing code (refer to table 1)



C82
MMKP82 series

■ 外形尺寸 Dimensions (mm)

1 000Vdc(600Vac)							1 600Vdc(650Vac)							2 000Vdc(700Vac)						
C _N (μF)	W	H	T	P	d	Part number	C _N (μF)	W	H	T	P	d	Part number	C _N (μF)	W	H	T	P	d	Part number
0.00047	10.5	9.0	4.0	7.5	0.6	C823A471-30****++	0.00068	17.5	11.0	5.0	15.0	0.8	C823C681-60****++	0.00022	17.5	11.0	5.0	15.0	0.8	C823D221-60****++
0.00056	10.5	9.0	4.0	7.5	0.6	C823A561-30****++	0.00082	17.5	11.0	5.0	15.0	0.8	C823C821-60****++	0.00027	17.5	11.0	5.0	15.0	0.8	C823D271-60****++
0.00068	10.5	9.0	4.0	7.5	0.6	C823A681-30****++	0.0010	17.5	11.0	5.0	15.0	0.8	C823C102-60****++	0.00033	17.5	11.0	5.0	15.0	0.8	C823D331-60****++
0.00082	10.5	9.0	4.0	7.5	0.6	C823A821-30****++	0.0012	17.5	11.0	5.0	15.0	0.8	C823C122-60****++	0.00039	17.5	11.0	5.0	15.0	0.8	C823D391-60****++
0.0010	10.5	9.0	4.0	7.5	0.6	C823A102-30****++	0.0015	17.5	11.0	5.0	15.0	0.8	C823C152-60****++	0.00047	17.5	11.0	5.0	15.0	0.8	C823D471-60****++
0.0012	10.5	11.0	5.0	7.5	0.6	C823A122-30****++	0.0018	17.5	11.0	5.0	15.0	0.8	C823C182-60****++	0.00056	17.5	11.0	5.0	15.0	0.8	C823D561-60****++
0.0015	10.5	11.0	5.0	7.5	0.6	C823A152-30****++	0.0022	17.5	11.0	5.0	15.0	0.8	C823C222-60****++	0.00068	17.5	11.0	5.0	15.0	0.8	C823D681-60****++
0.0018	10.5	11.0	5.0	7.5	0.6	C823A182-30****++	0.0027	17.5	11.0	5.0	15.0	0.8	C823C272-60****++	0.00082	17.5	11.0	5.0	15.0	0.8	C823D821-60****++
0.0022	10.5	11.0	5.0	7.5	0.6	C823A222-30****++	0.0033	17.5	11.0	5.0	15.0	0.8	C823C332-60****++	0.0010	17.5	11.0	5.0	15.0	0.8	C823D102-60****++
0.0027	10.5	12.0	6.0	7.5	0.6	C823A272-30****++	0.0039	17.5	11.0	5.0	15.0	0.8	C823C392-60****++	0.0012	17.5	11.0	5.0	15.0	0.8	C823D122-60****++
0.0033	10.5	12.0	6.0	7.5	0.6	C823A332-30****++	0.0047	17.5	11.0	5.0	15.0	0.8	C823C472-60****++	0.0015	17.5	11.0	5.0	15.0	0.8	C823D152-60****++
0.0010	13.0	9.0	4.0	10.0	0.6	C823A102-40****++	0.0056	17.5	11.0	5.0	15.0	0.8	C823C562-60****++	0.0018	17.5	11.0	5.0	15.0	0.8	C823D182-60****++
0.0012	13.0	9.0	4.0	10.0	0.6	C823A122-40****++	0.0068	17.5	11.0	5.0	15.0	0.8	C823C682-60****++	0.0022	17.5	11.0	5.0	15.0	0.8	C823D222-60****++
0.0015	13.0	9.0	4.0	10.0	0.6	C823A152-40****++	0.0082	17.5	12.0	6.0	15.0	0.8	C823C822-60****++	0.0027	17.5	11.0	5.0	15.0	0.8	C823D272-60****++
0.0018	13.0	9.0	4.0	10.0	0.6	C823A182-40****++	0.010	17.5	12.0	6.0	15.0	0.8	C823C103-60****++	0.0033	17.5	12.0	6.0	15.0	0.8	C823D332-60****++
0.0022	13.0	9.0	4.0	10.0	0.6	C823A222-40****++	0.012	17.5	13.5	7.5	15.0	0.8	C823C123-60****++	0.0039	17.5	12.0	6.0	15.0	0.8	C823D392-60****++
0.0027	13.0	9.0	4.0	10.0	0.6	C823A272-40****++	0.015	17.5	13.5	7.5	15.0	0.8	C823C153-60****++	0.0047	17.5	12.0	6.0	15.0	0.8	C823D472-60****++
0.0033	13.0	9.0	4.0	10.0	0.6	C823A332-40****++	0.018	17.5	14.5	8.5	15.0	0.8	C823C183-60****++	0.0056	17.5	13.5	7.5	15.0	0.8	C823D562-60****++
0.0039	13.0	11.0	5.0	10.0	0.6	C823A392-40****++	0.022	17.5	14.5	8.5	15.0	0.8	C823C223-60****++	0.0068	17.5	13.5	7.5	15.0	0.8	C823D682-60****++
0.0047	13.0	11.0	5.0	10.0	0.6	C823A472-40****++	0.027	17.5	16.0	10.0	15.0	0.8	C823C273-60****++	0.0082	17.5	14.5	8.5	15.0	0.8	C823D822-60****++
0.0056	13.0	12.0	6.0	10.0	0.6	C823A562-40****++	0.033	17.5	19.0	11.0	15.0	0.8	C823C333-60****++	0.010	17.5	16.0	10.0	15.0	0.8	C823D103-60****++
0.0068	13.0	12.0	6.0	10.0	0.6	C823A682-40****++	0.015	26.5	15.0	6.0	22.5	0.8	C823C153-90****++	0.012	17.5	16.0	10.0	15.0	0.8	C823D123-60****++
0.0082	17.5	11.0	5.0	15.0	0.8	C823A822-60****++	0.018	26.5	15.0	6.0	22.5	0.8	C823C183-90****++	0.015	17.5	19.0	11.0	15.0	0.8	C823D153-60****++
0.010	17.5	11.0	5.0	15.0	0.8	C823A103-60****++	0.022	26.5	15.0	6.0	22.5	0.8	C823C223-90****++	0.0010	26.5	15.0	6.0	22.5	0.8	C823D102-90****++
0.012	17.5	11.0	5.0	15.0	0.8	C823A123-60****++	0.027	26.5	15.0	6.0	22.5	0.8	C823C273-90****++	0.0012	26.5	15.0	6.0	22.5	0.8	C823D122-90****++
0.015	17.5	11.0	5.0	15.0	0.8	C823A153-60****++	0.033	26.5	16.0	7.0	22.5	0.8	C823C333-90****++	0.0015	26.5	15.0	6.0	22.5	0.8	C823D152-90****++
0.018	17.5	13.5	7.5	15.0	0.8	C823A183-60****++	0.039	26.5	17.0	8.5	22.5	0.8	C823C393-90****++	0.0018	26.5	15.0	6.0	22.5	0.8	C823D182-90****++
0.022	17.5	13.5	7.5	15.0	0.8	C823A223-60****++	0.047	26.5	18.5	10.0	22.5	0.8	C823C473-90****++	0.0022	26.5	15.0	6.0	22.5	0.8	C823D222-90****++
0.027	17.5	14.5	8.5	15.0	0.8	C823A273-60****++	0.056	26.5	18.5	10.0	22.5	0.8	C823C563-90****++	0.0027	26.5	15.0	6.0	22.5	0.8	C823D272-90****++
0.033	17.5	14.5	8.5	15.0	0.8	C823A333-60****++	0.068	26.5	22.0	12.0	22.5	0.8	C823C683-90****++	0.0033	26.5	15.0	6.0	22.5	0.8	C823D332-90****++
0.039	17.5	16.0	10.0	15.0	0.8	C823A393-60****++	0.082	26.5	22.0	12.0	22.5	0.8	C823C823-90****++	0.0039	26.5	15.0	6.0	22.5	0.8	C823D392-90****++
0.047	17.5	19.0	11.0	15.0	0.8	C823A473-60****++	0.039	32.0	18.0	9.0	27.5	0.8	C823C393-B0****++	0.0047	26.5	15.0	6.0	22.5	0.8	C823D472-90****++
0.027	26.5	15.0	6.0	22.5	0.8	C823A273-90****++	0.047	32.0	18.0	9.0	27.5	0.8	C823C473-B0****++	0.0056	26.5	15.0	6.0	22.5	0.8	C823D562-90****++
0.033	26.5	15.0	6.0	22.5	0.8	C823A333-90****++	0.056	32.0	18.0	9.0	27.5	0.8	C823C563-B0****++	0.0068	26.5	15.0	6.0	22.5	0.8	C823D682-90****++
0.039	26.5	15.0	6.0	22.5	0.8	C823A393-90****++	0.068	32.0	18.0	9.0	27.5	0.8	C823C683-B0****++	0.0082	26.5	15.0	6.0	22.5	0.8	C823D822-90****++
0.047	26.5	16.0	7.0	22.5	0.8	C823A473-90****++	0.082	32.0	20.0	11.0	27.5	0.8	C823C823-B0****++	0.010	26.5	15.0	6.0	22.5	0.8	C823D103-90****++
0.056	26.5	16.0	7.0	22.5	0.8	C823A563-90****++	0.10	32.0	20.0	11.0	27.5	0.8	C823C104-B0****++	0.012	26.5	15.0	6.0	22.5	0.8	C823D123-90****++
0.068	26.5	17.0	8.5	22.5	0.8	C823A683-90****++	0.12	32.0	22.0	13.0	27.5	0.8	C823C124-B0****++	0.015	26.5	16.0	7.0	22.5	0.8	C823D153-90****++
0.082	26.5	18.5	10.0	22.5	0.8	C823A823-90****++	0.15	32.0	24.5	15.0	27.5	0.8	C823C154-B0****++	0.018	26.5	16.0	7.0	22.5	0.8	C823D183-90****++
0.10	26.5	18.5	10.0	22.5	0.8	C823A104-90****++	0.18	32.0	24.5	15.0	27.5	0.8	C823C184-B0****++	0.022	26.5	17.0	8.5	22.5	0.8	C823D223-90****++
0.12	26.5	22.0	12.0	22.5	0.8	C823A124-90****++	0.22	32.0	33.0	18.0	27.5	0.8	C823C224-B0****++	0.027	26.5	18.5	10.0	22.5	0.8	C823D273-90****++
0.15	26.5	22.0	12.0	22.5	0.8	C823A154-90****++	0.27	32.0	33.0	18.0	27.5	0.8	C823C274-B0****++	0.033	26.5	18.5	10.0	22.5	0.8	C823D333-90****++
0.10	32.0	18.0	9.0	27.5	0.8	C823A104-B0****++	0.33	32.0	33.0	18.0	27.5	0.8	C823C334-B0****++	0.039	26.5	22.0	12.0	22.5	0.8	C823D393-90****++
0.12	32.0	20.0	11.0	27.5	0.8	C823A124-B0****++								0.047	26.5	22.0	12.0	22.5	0.8	C823D473-90****++
0.15	32.0	20.0	11.0	27.5	0.8	C823A154-B0****++								0.056	32.0	22.0	13.0	27.5	0.8	C823D563-90****++
0.18	32.0	22.0	13.0	27.5	0.8	C823A184-B0****++								0.068	32.0	22.0	13.0	27.5	0.8	C823D683-90****++
0.22	32.0	22.0	13.0	27.5	0.8	C823A224-B0****++								0.082	32.0	24.5	15.0	27.5	0.8	C823D823-B0****++
0.27	32.0	24.5	15.0	27.5	0.8	C823A274-B0****++								0.10	32.0	28.0	14.0	27.5	0.8	C823D104-B0****++
0.33	32.0	28.0	14.0	27.5	0.8	C823A334-B0****++								0.12	32.0	33.0	18.0	27.5	0.8	C823D124-B0****++
0.39	32.0	33.0	18.0	27.5	0.8	C823A394-B0****++								0.15	32.0	33.0	18.0	27.5	0.8	C823D154-B0****++
0.47	32.0	33.0	18.0	27.5	0.8	C823A474-B0****++														

备注: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%
2. “****”表示引线加工和包装代码(见table 1)。“****”=lead form and packing code (refer to table 1)

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