

C82

Double sided Metallized Polypropylene Film Capacitor (Box-type)
双面金属化聚丙烯膜电容器 (盒装型)

外形图 Outline

■特点

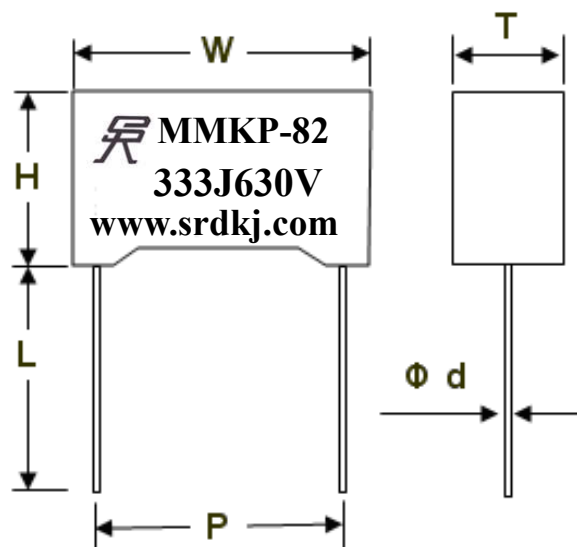
- 双面金属化聚丙烯膜
- 损耗小，内部温升小
- 小型化的安装尺寸
- 优异的阻燃性能(UL94V-0)

■主要用途

- 广泛应用于高压高频脉冲电路中
- 电视机中的 S 校正和行逆程波形和显示器中
- 电子整流器和节能灯中
- 吸收和 SCR 整流电路中

■符合 ROHS.REACH 等标准

■技术参数



引用标准	GB/T10190 (IEC60384-16)			
气候条件	40/105°C/56d			
工作温度	-40°C~+105°C			
额定电压	630V;1000V;1600V;2000V;3000V			
容量范围	0.001 μF~1.0 μF			
容量误差	J—±5% ; K—±10%			
耐电压	端子与端子: 1.6UR (VDC) 5S	无击穿或飞狐		
	端子与外壳: 2000VAC 5S			
损耗角	≤0.0010 1KHZ	20°C; 1V 测试电压		
绝缘电阻或时间常数	CR≤0.33 μF IR≥100000MΩ	充电电压 100V 20°C;		
	CR>0.33 μF IR≥30000S (MΩ. μF)	充电 1min 测试后测得		
耐久负荷测试	温度 105°C, 连续工作 1000 小时 施加电压: 额定电压 UR	电容量衰减量: ΔC/C≤10% 损耗角衰减量: ΔTg δ ≤0.5% (1KHZ) 绝缘电阻值: IR≥50% IR : IR≥50%		
最大脉冲爬升速率 (dv/dt) : 若实际工作电压比额定电压低, 该电容器可以工作在更高的 dv/dt 场合,	额定电压	dv/dt (V/μs)		
		P=15	P=22.5	P=27.5
	630V	2500	1600	1000
	1000V	3500	2500	1300
	1600V	6300	3200	2200
	2000V	12000	5000	2500
	3000V	-	8000	-

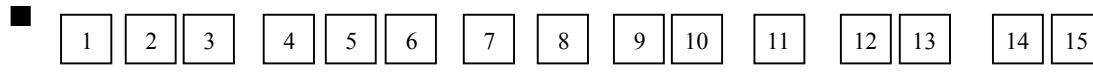
注: 可根据客户使用定制容量产品, 具体参数依据承认书资料为准。

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■ C82 产品编码规则

■ 15 位产品代码规定如下:



二. 各部分组成内容

型号代码 (第 1~3 位数)

C82 双面金属化聚丙烯膜电容器 (盒装型)

标称容量 (第 4~6 位数) Norminal

例如 e. g. : 104=10×10⁴ pF=0.1μF

标容量误差代码 (第 7 位数)

例如 e. g. : J=±5% K=±10%

额定电压 (第 8 位数)

6----630V A----1000V C----1600V D----2000V E----3000V

塑壳代码 (第 9~10 位数)

代码	壳号	代码	壳号	代码	壳号	代码	壳号	代码	壳号	代码	壳号
M1	M1	C1	C1	D5	D5	E5	E5	E1	E1	F8	F8
M2	M2	C2	C2	D7	D7	E6	E6	E2	E2	G1	TB5
M3	M3	C3	C3	D8	D8-3	E7	E7	E3	E3	G2	F14
M4	M4	CA	C5-1	DA	DA	F1	F1	E4	E4	G3	TB4
M5	M5	D1	D1	D3	D3	F2	F2	F4	F4	G4	TB23
M6	M6	D2	D2	D4	D4	F3	F3	F7	F7	G5	TB20

商标+塑壳颜色 (第 11 位数)

代码	商标 + 塑壳颜色	代码	商标 + 塑壳颜色
R	SRD + 灰色激光打印+网址	S	SRD + 黄色有+光打印+网址

内部识别码 (第 12~13 位数)

外形加工识别码 (第 14~15 位数)

说明: 标准引线长度为 13mm						
切引线标准长度 (mm)	3.0±0.5	3.5±0.5	4.0±0.5	4.5±0.5	5.0±0.5	5.5±0.5
直切脚加工图形			弯切脚加工图形			
						

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■成品尺寸表

630V											
成品编码	容量	外形尺寸±0.5 (mm)				成品编码	容量	外形尺寸±0.5 (mm)			
	μF	W	T	H	P		μF	W	T	H	P
C82103J6D1R00	0.01	18	5	11	15	C82473J6E1R00	0.047	26.5	6	15	22.5
C82123J6D1R00	0.012	18	5	11	15	C82563J6E1R00	0.056	26.5	6	15	22.5
C82153J6D1R00	0.015	18	5	11	15	C82683J6E2R00	0.068	26.5	7	16.5	22.5
C82183J6D1R00	0.018	18	5	11	15	C82823J6E2R00	0.082	26.5	7	16.5	22.5
C82223J6D2R00	0.022	18	6	12	15	C82104J6E3R00	0.1	26.5	8.5	17	22.5
C82273J6D2R00	0.027	18	6	12	15	C82124J6E3R00	0.12	26.5	8.5	17	22.5
C82333J6D2R00	0.033	18	6	12	15	C82154J6E4R00	0.15	26.5	10	19	22.5
C82393J6D2R00	0.039	18	6	12	15	C82184J6E5R00	0.18	26.5	11	20	22.5
C82473J6D2R00	0.047	18	6	12	15	C82224J6E6R00	0.22	26.5	12	21.5	22.5
C82563J6D3R00	0.056	18	7.5	13.5	15	C82274J6E7R00	0.27	26.5	13	23	22.5
C82683J6D3R00	0.068	18	7.5	13.5	15	C82394J6F4R00	0.39	31.5	16	25.5	27.5
C82823J6D4R00	0.082	18	8.4	14.5	15	C82474J6F4R00	0.47	31.5	16	25.5	27.5
C82104J6D5R00	0.1	18	9.5	15.5	15	C82564J6F7R00	0.56	31.5	18	26	27.5
C82124J6D8R00	0.12	18	11.2	19.2	15	C82684J6F7R00	0.68	31.5	18	26	27.5
C82333J6E1R00	0.033	26.5	6	15	22.5	C82824J6F8R00	0.82	31.5	22	31	27.5
C82393J6E1R00	0.039	26.5	6	15	22.5	C82105J6F8R00	1.0	31.5	22	31	27.5
1000V											
成品编码	容量	外形尺寸±0.5 (mm)				成品编码	容量	外形尺寸±0.5 (mm)			
	μF	W	T	H	P		μF	W	T	H	P
C82222JAD1R00	0.0022	18	5	11	15	C82333JAE2R00	0.033	26.5	7	16.5	22.5
C82272JAD1R00	0.0027	18	5	11	15	C82393JAE2R00	0.039	26.5	7	16.5	22.5
C82332JAD1R00	0.0033	18	5	11	15	C82473JAE3R00	0.047	26.5	8.5	17	22.5
C82392JAD1R00	0.0039	18	5	11	15	C82563JAE3R00	0.056	26.5	8.5	17	22.5
C82472JAD1R00	0.0047	18	5	11	15	C82683JAE4R00	0.068	26.5	10	19	22.5
C82562JAD1R00	0.0056	18	5	11	15	C82823JAE5R00	0.082	26.5	11	20	22.5
C82682JAD1R00	0.0068	18	5	11	15	C82104JAE5R00	0.1	26.5	11	20	22.5
C82822JAD2R00	0.0082	18	6	12	15	C82124JAE6R00	0.12	26.5	12	21.5	22.5
C82103JAD2R00	0.01	18	6	12	15	C82154JAE6R00	0.15	26.5	12	21.5	22.5
C82123JAD2R00	0.012	18	6	12	15	C82104JAF1R00	0.1	31.5	10.8	19.5	27.5
C82153JAD3R00	0.015	18	7.5	13.5	15	C82124JAF1R00	0.12	31.5	10.8	19.5	27.5
C82183JAD3R00	0.018	18	7.5	13.5	15	C82154JAF1R00	0.15	31.5	10.8	19.5	27.5
C82223JAD4R00	0.022	18	8.4	14.5	15	C82184JAF2R00	0.18	31.5	13	21.6	27.5
C82273JAD4R00	0.027	18	8.4	14.5	15	C82224JAF2R00	0.22	31.5	13	21.6	27.5
C82333JADAR00	0.033	18	10	15.8	15	C82274JAF4R00	0.27	31.5	16	25.5	27.5
C82393JAD8R00	0.039	18	11.2	19.2	15	C82334JAF8R00	0.33	31.5	22	31	27.5
C82473JAD8R00	0.047	18	11.2	19.2	15	C82394JAF8R00	0.39	31.5	22	31	27.5
C82273JAE2R00	0.027	26.5	7	16.5	22.5	C82474JAF8R00	0.47	31.5	22	31	27.5

Note: 使用涉及到和极限参数有关问题请与 SINCERITY 联系

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1600V											
成品编码	容量	外形尺寸±0.5 (mm)				成品编码	容量	外形尺寸±0.5 (mm)			
	μF	W	T	H	P		μF	W	T	H	P
C82102JCD2R00	0.001	18	6	12	15	C82223JCE1R00	0.022	26.5	6	15	22.5
C82122JCD2R00	0.0012	18	6	12	15	C82273JCE1R00	0.027	26.5	6	15	22.5
C82152JCD2R00	0.0015	18	6	12	15	C82333JCE2R00	0.033	26.5	7	16	22.5
C82182JCD2R00	0.0018	18	6	12	15	C82393JCE3R00	0.039	26.5	8.5	17	22.5
C82222JCD2R00	0.0022	18	6	12	15	C82473JCE4R00	0.047	26.5	10	19	22.5
C82272JCD2R00	0.0027	18	6	12	15	C82563JCE4R00	0.056	26.5	10	19	22.5
C82332JCD2R00	0.0033	18	6	12	15	C82683JCE6R00	0.068	26.5	12	21.5	22.5
C82392JCD2R00	0.0039	18	6	12	15	C82823JCE6R00	0.082	26.5	12	21.5	22.5
C82472JCD2R00	0.0047	18	6	12	15	C82104JCE7R00	0.1	26.5	13	23	22.5
C82562JCD2R00	0.0056	18	6	12	15	C82393JCF1R00	0.039	31.5	10.8	19.5	27.5
C82682JCD2R00	0.0068	18	6	12	15	C82473JCF1R00	0.047	31.5	10.8	19.5	27.5
C82822JCD2R00	0.0082	18	6	12	15	C82563JCF1R00	0.056	31.5	10.8	19.5	27.5
C82103JCD2R00	0.010	18	6	12	15	C82683JCF1R00	0.068	31.5	10.8	19.5	27.5
C82123JCD3R00	0.012	18	7.5	13.5	15	C82823JCF2R00	0.082	31.5	13	21.6	27.5
C82153JCD3R00	0.015	18	7.5	13.5	15	C82104JCF2R00	0.1	31.5	13	21.6	27.5
C82183JCD4R00	0.018	18	8.4	14.5	15	C82124JCF2R00	0.12	31.5	13	21.6	27.5
C82223JCD4R00	0.022	18	8.4	14.5	15	C82154JCF4R00	0.15	31.5	16	25.5	27.5
C82273JCDAR00	0.027	18	10	15.8	15	C82184JCF4R00	0.18	31.5	16	25.5	27.5
C82333JCD8R00	0.033	18	11.2	19.2	15	C82224JCF7R00	0.22	31.5	18	26	27.5
C82153JCE1R00	0.015	26.5	6	15	22.5	C82274JCF7R00	0.27	31.5	18	26	27.5
C82183JCE1R00	0.018	26.5	6	15	22.5	C82334JCF8R00	0.33	31.5	22	31	27.5
2000V											
成品编码	容量	外形尺寸±0.5 (mm)				成品编码	容量	外形尺寸±0.5 (mm)			
	μF	W	T	H	P		μF	W	T	H	P
C82102JDD2R00	0.001	18	6	12	15	C82183JDE2R00	0.018	26.5	7	16.5	22.5
C82122JDD2R00	0.0012	18	6	12	15	C82223JDE3R00	0.022	26.5	8.4	17	22.5
C82152JDD2R00	0.0015	18	6	12	15	C82273JDE4R00	0.027	26.5	10	19	22.5
C82182JDD2R00	0.0018	18	6	12	15	C82333JDE4R00	0.033	26.5	10	19	22.5
C82222JDD2R00	0.0022	18	6	12	15	C82393JDE6R00	0.039	26.5	12	21.5	22.5
C82272JDD2R00	0.0027	18	6	12	15	C82473JDE6R00	0.047	26.5	12	21.5	22.5
C82332JDD2R00	0.0033	18	6	12	15	C82473JDF2R00	0.047	31.5	13	21.6	27.5
C82392JDD2R00	0.0039	18	6	12	15	C82563JDF2R00	0.056	31.5	13	21.6	27.5
C82472JDD2R00	0.0047	18	6	12	15	C82683JDF2R00	0.068	31.5	13	21.6	27.5
C82562JDD3R00	0.0056	18	7.5	13.5	15	C82823JDF4R00	0.082	31.5	16	25.5	27.5
C82682JDD3R00	0.0068	18	7.5	13.5	15	C82104JDF4R00	0.1	31.5	16	25.5	27.5
C82822JDD4R00	0.0082	18	8.4	14.5	15	C82124JDF8R00	0.12	31.5	22	31	27.5
C82103JDD8R00	0.01	18	11.2	19.2	15	C82154JDF8R00	0.15	31.5	22	31	27.5
C82123JDD8R00	0.012	18	11.2	19.2	15	C82184JDF8R00	0.18	31.5	22	31	27.5
C82153JDD8R00	0.015	18	11.2	19.2	15	C82224JDF8R00	0.22	31.5	22	31	27.5

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3000V											
成品编码	容量	外形尺寸±0.5 (mm)				成品编码	容量	外形尺寸±0.5 (mm)			
	μF	W	T	H	P		μF	W	T	H	P
C82J102JEE1R00	0.001	26.5	6	15	22.5	C82J822JEE2R00	0.0082	26.5	7	16.5	22.5
C82J122JEE1R00	0.0012	26.5	6	15	22.5	C82J103JEE3R00	0.01	26.5	8.5	17	22.5
C82J152JEE1R00	0.0015	26.5	6	15	22.5	C82J123JEE4R00	0.012	26.5	10	19	22.5
C82J182JEE1R00	0.0018	26.5	6	15	22.5	C82J153JEE4R00	0.015	26.5	10	19	22.5
C82J222JEE1R00	0.0022	26.5	6	15	22.5	C82J183JEE6R00	0.018	26.5	12	21.5	22.5
C82J272JEE1R00	0.0027	26.5	6	15	22.5	C82J223JEE6R00	0.022	26.5	12	21.5	22.5
C82J332JEE1R00	0.0033	26.5	6	15	22.5	C82J273JEE6R00	0.027	26.5	12	21.5	22.5
C82J392JEE1R00	0.0039	26.5	6	15	22.5	C82J333JEE7R00	0.033	26.5	13	23	22.5
C82J472JEE2R00	0.0047	26.5	7	16.5	22.5	C82J393JEE7R00	0.039	26.5	13	23	22.5
C82J562JEE2R00	0.0056	26.5	7	16.5	22.5	C82J473JEE7R00	0.047	26.5	13	23	22.5
C82J682JEE2R00	0.0068	26.5	7	16.5	22.5	C82J563JEE7R00	0.056	26.5	13	23	22.5

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[MP1104KTD2RLC](#) [C82473J6D3RA0](#) [MPP105J6241120LC](#) [MP2225KGF2XLC](#) [MP2224KVD2RLC](#) [MP2104KGC2XLC](#)
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