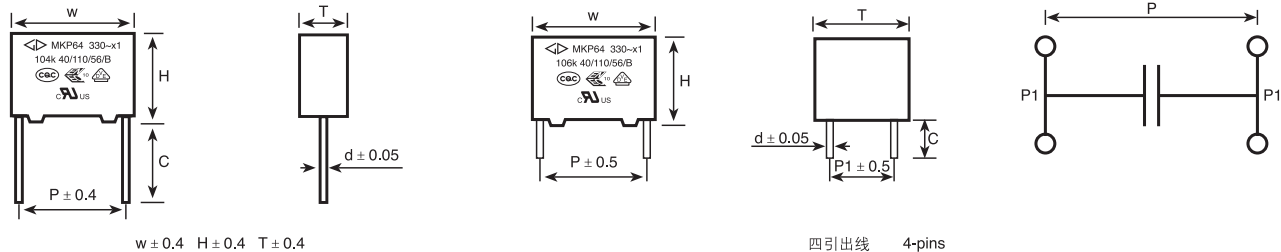


金属化聚丙烯膜抗干扰电容器 (X1类, 330Vac) Metallized polypropylene film Interference Suppression capacitor (Class X1, 330Vac)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯
- 能承受过压冲击
- 优异的阻燃性能
- 广泛用于电源跨线路等抗干扰场合
(不用于与电源串联的场合)

■ Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in across-the-line, interference suppression circuit,etc.
(Not for use in series with the mains)

■ 安全认证 Safety Approvals

●		CQC (中国)	GB/T 14472-1998, X1, 330 Vac, 0.0010 μ F ~ 15.0 μ F, 40/110/56/B 证书号(Certificate No.): CQC06001016943
●		ENEC-VDE (欧盟)	EN 60384-14:2005, X1, 330 Vac, 0.0010 μ F ~ 15.0 μ F, 40/110/56/B 证书号(Certificate No.): 40021937
●		UL/CUL (美国/加拿大)	UL 60384-14:2009, CSA E60384-14:09, X1, 330Vac, 0.0010 μ F ~ 15.0 μ F, 40/110/56/B 证书号(File No.): E186600, CCN: FOWX2/8

■ 技术要求 Specifications

电容器类别 Class	X1 类		
气候类别 / 阻燃等级 Climatic Category/Passive Flammability Category	40/110/56/B		
工作温度范围 Operating Temperature Range	-40℃ ~ +110℃		
额定电压 Rated Voltage	330Vac/760Vdc,50/60Hz		
适应电压场合 Mains voltage applied to	适用于电源电压不超过250Vac 50/60Hz的场合 Mains voltage can` t be higher than 250Vac 50/60Hz		
电容量范围 Capacitance Range	0.010μF ~ 15.0μF		
电容量偏差 Capacitance Tolerance	± 10%(K), ± 20%(M)		
耐电压 Voltage Proof	引线之间 Between Terminals:	2 500 (Vdc) (2s)	
	极壳之间 Between Termianls To Case:	2 160 (Vac) (1min)	
绝缘电阻 Insulation Resistance	R ≥ 15 000MΩ, C _N ≤ 0.33μF RC _N ≥ 5 000s, C _N > 0.33μF (20℃ ,100V, 1min)		
损耗角正切 Dissipation Factor	0.01μF < C _N ≤ 0.47μF	≤ 15 x 10 ⁻⁴ (1kHz,20℃)	≤ 30 x 10 ⁻⁴ (10kHz,20℃)
	0.47μF < C _N ≤ 1.0μF	≤ 20 x 10 ⁻⁴ (1kHz,20℃)	≤ 40 x 10 ⁻⁴ (10kHz,20℃)
	1.0μF < C _N ≤ 15.0μF	≤ 30 x 10 ⁻⁴ (1kHz,20℃)	-----



MKP64

Code: C44

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	4	4															

第1~3位	型号代码	Digit 1 to 3	Series code
	C44=MKP64		C44=MKP64
第4~5位	交流额定电压	Digit 4 to 5	AC rated voltage
	R1=330V		R1=330V
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
	K= ± 10%, M= ± 20%		K= ± 10%, M= ± 20%
第10位	引线脚距P	Digit 10	Pitch
	4=10.0mm 6=15.0mm 9=22.5mm		4=10.0mm 6=15.0mm 9=22.5mm
	B=27.5mm F=37.5mm M=52.5mm		B=27.5mm F=37.5mm M=52.5mm
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	4 6	F=10.0mm F=15.0mm	0	表示直脚 straight	5	P3=25.4mm, H=18.5mm (For pitch=10.0/15.0mm) (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				
1 3 6	P1= 10mm ± 0.5mm P1= 20mm ± 0.5mm P1= 5mm ± 0.5mm	45 55	引线长度 4.5mm lead length 4.5mm 引线长度 5.5mm lead length 5.5mm	0		引线长度偏差 ±0.5mm 或标准长度 Length tolerance ±0.5mm Or standard length	

■ 外形尺寸 Dimensions (mm)

330Vac							330Vac							330Vac						
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
0.010	13.0	9.0	4.0	10.0	0.6	C44R1103-4S****++	0.082	26.5	15.0	6.0	22.5	0.8	C44R1823-9S****++	2.2M	32.0	28.0	17.0	27.5	0.8	C44R1225MBB****++
0.012	13.0	9.0	4.0	10.0	0.6	C44R1123-4S****++	0.10	26.5	15.0	6.0	22.5	0.8	C44R1104-9S****++	2.2	32.0	29.0	19.0	27.5	0.8	C44R1225-BA****++
0.015	13.0	9.0	4.0	10.0	0.6	C44R1153-4S****++	0.12	26.5	15.0	6.0	22.5	0.8	C44R1124-9S****++	2.2	32.0	18.5	31.0	27.5	0.8	C44R1225-BC****++
0.018	13.0	11.0	5.0	10.0	0.6	C44R1183-4S****++	0.15	26.5	15.0	6.0	22.5	0.8	C44R1154-9S****++	2.2	32.0	33.0	18.0	27.5	0.8	C44R1225-BS****++
0.022	13.0	11.0	5.0	10.0	0.6	C44R1223-4S****++	0.18	26.5	15.0	6.0	22.5	0.8	C44R1184-9S****++	2.7	32.0	37.0	22.0	27.5	0.8	C44R1275-BS****++
0.027	13.0	11.0	5.0	10.0	0.6	C44R1273-4S****++	0.22M	26.5	15.0	6.0	22.5	0.8	C44R1224M9S****++	3.3	32.0	37.0	22.0	27.5	0.8	C44R1335-BS****++
0.033	13.0	11.0	5.0	10.0	0.6	C44R1333-4S****++	0.22K	26.5	16.0	7.0	22.5	0.8	C44R1224K9S****++	0.33	41.0	22.0	11.0	37.5	1.0	C44R1334-FS****++
0.039	13.0	12.0	6.0	10.0	0.6	C44R1393-4S****++	0.27	26.5	16.0	7.0	22.5	0.8	C44R1274-9S****++	0.39	41.0	22.0	11.0	37.5	1.0	C44R1394-FS****++
0.047	13.0	12.0	6.0	10.0	0.6	C44R1473-4S****++	0.33	26.5	17.0	8.5	22.5	0.8	C44R1334-9S****++	0.47	41.0	22.0	11.0	37.5	1.0	C44R1474-FS****++
0.056	13.0	13.0	7.0	10.0	0.6	C44R1563-4S****++	0.39M	26.5	17.0	8.5	22.5	0.8	C44R1394M9S****++	0.56	41.0	22.0	11.0	37.5	1.0	C44R1564-FS****++
0.068	13.0	14.0	8.0	10.0	0.6	C44R1683-4S****++	0.39K	26.5	18.5	10.0	22.5	0.8	C44R1394K9S****++	0.68	41.0	22.0	11.0	37.5	1.0	C44R1684-FS****++
0.010	17.5	9.5	5.0	15.0	0.6	C44R1103-6S****++	0.47	26.5	18.5	10.0	22.5	0.8	C44R1474-9S****++	0.82	41.0	22.0	11.0	37.5	1.0	C44R1824-FS****++
0.012	17.5	9.5	5.0	15.0	0.6	C44R1123-6S****++	0.56	26.5	20.0	11.0	22.5	0.8	C44R1564-9S****++	1.0	41.0	22.0	11.0	37.5	1.0	C44R1105-FS****++
0.015	17.5	9.5	5.0	15.0	0.6	C44R1153-6S****++	0.68	26.5	22.0	12.0	22.5	0.8	C44R1684-9S****++	1.0	42.0	15.0	24.0	37.5	1.0	C44R1105-FC****++
0.018	17.5	9.5	5.0	15.0	0.6	C44R1183-6S****++	0.82M	26.5	22.0	12.0	22.5	0.8	C44R1824M9S****++	1.2M	41.0	22.0	11.0	37.5	1.0	C44R1125MFS****++
0.022	17.5	9.5	5.0	15.0	0.6	C44R1223-6S****++	0.82K	26.5	23.0	13.5	22.5	0.8	C44R1824K9S****++	1.2K	41.0	24.0	13.0	37.5	1.0	C44R1125KFS****++
0.027	17.5	9.5	5.0	15.0	0.6	C44R1273-6S****++	1.0	26.5	24.5	15.5	22.5	0.8	C44R1105-9S****++	1.5	41.0	24.0	13.0	37.5	1.0	C44R1155-FS****++
0.033	17.5	9.5	5.0	15.0	0.6	C44R1333-6S****++	1.2M	26.5	24.5	15.5	22.5	0.8	C44R1125M9S****++	1.5	41.0	26.0	12.0	37.5	1.0	C44R1155-FA****++
0.039	17.5	9.5	5.0	15.0	0.6	C44R1393-6S****++	1.2	26.5	29.5	14.5	22.5	0.8	C44R1125-9A****++	1.5	42.0	15.0	24.0	37.5	1.0	C44R1155-FC****++
0.047	17.5	11.0	5.0	15.0	0.6	C44R1473-6S****++	0.15	32.0	18.0	9.0	27.5	0.8	C44R1154-BS****++	1.8	41.0	26.0	15.0	37.5	1.0	C44R1185-FS****++
0.056	17.5	11.0	5.0	15.0	0.6	C44R1563-6S****++	0.18	32.0	18.0	9.0	27.5	0.8	C44R1184-BS****++	2.2M	41.0	26.0	15.0	37.5	1.0	C44R1225MFA****++
0.068	17.5	12.0	6.0	15.0	0.6	C44R1683-6S****++	0.22	32.0	18.0	9.0	27.5	0.8	C44R1224-BS****++	2.2M	42.0	28.0	14.0	37.5	1.0	C44R1225MFS****++
0.082	17.5	12.0	6.0	15.0	0.6	C44R1823-6S****++	0.27	32.0	18.0	9.0	27.5	0.8	C44R1274-BS****++	2.2K	41.0	30.0	16.0	37.5	1.0	C44R1225KFS****++
0.10	17.5	12.0	7.0	15.0	0.6	C44R1104-6S****++	0.33	32.0	18.0	9.0	27.5	0.8	C44R1334-BS****++	2.2	41.0	19.0	24.0	37.5	1.0	C44R1225-FC****++
0.10	17.5	17.5	6.0	15.0	0.6	C44R1104-6A****++	0.39	32.0	18.0	9.0	27.5	0.8	C44R1394-BS****++	2.7	41.0	32.0	17.0	37.5	1.0	C44R1275-FS****++
0.12	17.5	13.5	7.5	15.0	0.6	C44R1124-6S****++	0.47	32.0	18.0	9.0	27.5	0.8	C44R1474-BS****++	3.3M	41.0	20.0	26.0	37.5	1.0	C44R1335MFC****++
0.12	17.5	17.5	6.0	15.0	0.6	C44R1124-6A****++	0.47	32.0	12.0	18.0	27.5	0.8	C44R1474-BC****++	3.3	41.0	33.5	18.5	37.5	1.0	C44R1335-FS****++
0.12M	17.5	12.5	9.0	15.0	0.6	C44R1124M6B****++	0.56M	32.0	18.0	9.0	27.5	0.8	C44R1564MBS****++	3.9	41.0	37.0	22.0	37.5	1.0	C44R1395-FS****++
0.15M	17.5	13.5	7.5	15.0	0.6	C44R1154M6S****++	0.56K	32.0	20.0	11.0	27.5	0.8	C44R1564KBS****++	4.7M	42.0	24.0	32.0	37.5	1.0	C44R1475MFC****++
0.15K	17.5	14.0	8.0	15.0	0.6	C44R1154K6S****++	0.68	32.0	20.0	11.0	27.5	0.8	C44R1684-BS****++	4.7	41.0	37.0	22.0	37.5	1.0	C44R1475-FS****++
0.15K	17.5	18.5	7.5	15.0	0.8	C44R1154K6A****++	0.68	32.0	12.0	22.0	27.5	0.8	C44R1684-BC****++	5.6	41.0	41.0	26.0	37.5	1.0	C44R1565-FS****++
0.15	17.5	12.0	13.0	15.0	0.8	C44R1154-6C****++	0.82	32.0	20.0	11.0	27.5	0.8	C44R1824-BS****++	6.8M	41.0	41.0	26.0	37.5	1.0	C44R1685MFS****++
0.18	17.5	14.5	8.5	15.0	0.6	C44R1184-6S****++	1.0M	32.0	12.0	22.0	27.5	0.8	C44R1105MBC****++	6.8K	41.0	43.0	28.0	37.5	1.0	C44R1685KFS****++
0.18	17.5	18.5	7.5	15.0	0.8	C44R1184-6A****++	1.0M	32.0	22.0	13.0	27.5	0.8	C44R1105MBS****++	8.2	42.0	45.0	30.0	37.5	1.0	C44R1825-FS****++
0.22M	17.5	14.5	8.5	15.0	0.6	C44R1224M6A****++	1.0K	32.0	25.0	13.0	27.5	0.8	C44R1105KBS****++	8.2	57.0	45.0	30.0	52.5	1.2	C44R1825-MS3***++
0.22	17.5	16.0	10.0	15.0	0.8	C44R1224-6S****++	1.2	32.0	24.5	15.0	27.5	0.8	C44R1125-BS****++	10.0	57.0	45.0	30.0	52.5	1.2	C44R1106-MS3***++
0.27	17.5	19.0	11.0	15.0	0.8	C44R1274-6S****++	1.2	32.0	28.0	14.0	27.5	0.8	C44R1125-BA****++	12.0	57.0	45.0	30.0	52.5	1.2	C44R1126-MS3***++
0.33	17.5	19.0	11.0	15.0	0.8	C44R1334-6S****++	1.5	32.0	24.5	15.0	27.5	0.8	C44R1155-BS****++	15.0	57.0	50.0	35.0	52.5	1.2	C44R1156-MS3***++
0.039	26.5	15.0	6.0	22.5	0.8	C44R1393-9S****++	1.5	32.0	28.0	14.0	27.5	0.8	C44R1155-BA****++							
0.047	26.5	15.0	6.0	22.5	0.8	C44R1473-9S****++	1.5	32.0	16.0	27.5	27.5	0.8	C44R1155-BC****++							
0.056	26.5	15.0	6.0	22.5	0.8	C44R1563-9S****++	1.8	32.0	28.0	17.0	27.5	0.8	C44R1185-BS****++							
0.068	26.5	15.0	6.0	22.5	0.8	C44R1683-9S****++	1.8	32.0	30.0	16.0	27.5	0.8	C44R1185-BA****++							

备注: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, M=±20%,K=±10%
 2. “****”表示引线加工和包装代码(见table 1)。“****”=lead form and packing code (refer to table 1)
 3. 不用于与电源串联的场合,与电源串联用电容器参见P144。
 Not for use in series with the mains,the capacitors for series with the mains,please refer pag.144.