

MKP/MPX-X1(MP1)

Plastic Capacitors



金属化聚丙烯膜抑制电磁电源抗干扰用电容器 Metallized Polypropylene Film Capacitors-Class X1

■采用标准reference standards

GB/T6346.14-2015/UL60384/VDE0565-1/CSA E60384-14
IEC60384-14/EN60384-14/KC60384-14/KC60384-1

■结构

介质: 聚丙烯膜

封装: 阻燃环氧树脂, 符合UL94 V-0

外壳: 阻燃PBT塑壳, 符合UL94 V-0

■典型应用

跨线、抑制突波、交流场合EMI滤波; 电源开关等
如: 灯具、电源等

■特点

外观一致性好; 有良好自愈性; 抗湿性强; 能承受大电流; 寿命长; 耐过电压优良。

■structure

Dielectric: Polypropylene film

Encapsulation: flame retardant epoxy resin, conforming to UL94 V-0

Shell: flame retardant PBT plastic shell, conforming to UL94 V-0

■typical application

interlines, surge suppression, AC occasion EMI filter; power switch etc.

For example: lamps, power sources etc.

■ characteristics

good appearance consistency; good self-healing property; good resistance to humidity; It can withstand large current; long lifetime; good ability to withstand overpressure.

■性能参数property parameter

塑壳型号 Case model	C type	D type	E type	F type	G type	T type	H type
脚距 Pitch mm	10	15	22.5	27.5	31.5	41	51
引线直径 Pin Diameter mm	0.6	0.6/0.8	0.8			1.0	
Dv/dt(V/μs)	500	500	400	200	150		

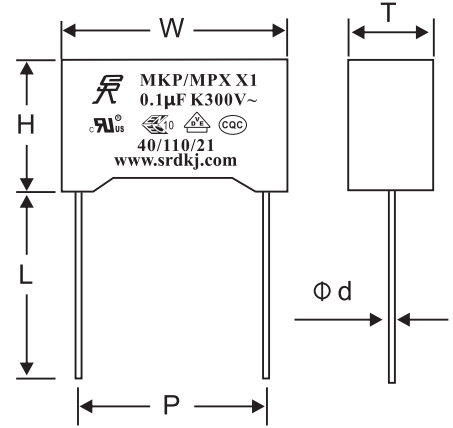
■符合ROHS标准 In compliance with ROHS

■技术参数 Technical Parameters

气候条件 Climatic Conditions	-40+110°C/21d	
额定电压 Rated Voltage	300VAC;440VAC	
容量误差 Capacitance Tolerance	J-±5% K-±10% M-±20%	
容量范围 Capacitance Range	0.0022 μF-4.7 μF	20°C; 1V测试电压 20°C; 1V testing voltage
耐电压 proof voltage	端子与端子Terminal to terminal; 4.3UR或2500VDC,5S 端子与外壳Terminal to shell; 2000VAC 5S	无击穿或飞弧 No breakdown or electric arcing
损耗角 Dissipation Factor	≤0.0020 10KHZ CR≤1.0 μF ≤0.0010 1KHZ CR>1.0 μF	20°C; 1V测试电压 20°C; 1V testing voltage
绝缘电阻或时间常数 IR or Time constant	CR≤0.33 μF IR≥30000MΩ CR>0.33 μF IR≥10000S(MΩ.μF)	充电电压 charging voltage 100V20°C; 充电1min测试后测得 testing time: 1 min later after charging
稳态湿热 Steady-state damp heat	温度temperature: 40±2°C 湿度humidity: 93%RH 持续时间duration: 56天	无可见损伤, 标志清晰 no visible damage, clear mark IR: ≥额定值的50% IR: ≥50% of rated value 电容量Capacitance ΔC/C≤5% 损耗角dissipation factor(1KHZ):增加rise≤0.0020
耐久性试验 Endurance Test	+110°C, 连续10000小时 施加电压: 1.25×额定电压 +110°C, 10000h Applied voltage: 1.25* rated voltage	绝缘电阻IR: ≥额定值的50% 电容量: ΔC/C≤10% Insulation Resistance: =50% of Rated Capacitance: ΔC/C≤10%

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。

Note: Products capacitance can be customized, specific parameter according to documents.



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安全认证标志 Mark of Safety Certificate

认证标志 certification mark	额定电压 Rated voltage	证书号码 Certificate number	引用标准 Reference standard	认证国家 Certification from which country
UL ; CUL	300VAC;440VAC	E319615	UL60384	美国, 加拿大 America, Canada
VDE	300VAC;440VAC	40025029	EN60384-14	德国Germany
ENEC	300VAC;440VAC	40025029	EN60384-14	欧洲认证标准 Europe certification standard
CQC	300VAC;440VAC	CQC09001032856	GB/T6346.14-2015	中国China

电容器规格尺寸表 MKP/MPX-X1(MP1)Specification and Dimention Table

容量 Cap. μF	成品编码 Part No.	外形尺寸(mm) Dimention			容量 Cap. μF	成品编码 Part No.	外形尺寸(mm) Dimention		
		W ± 0.5	T ± 0.5	H ± 0.5			W ± 0.5	T ± 0.5	H ± 0.5
300V~/440V~									
0.0022	MP1222KRC1-####	12.0	4.0	9.0	0.2	MP1204KRE6-####	26.5	12.0	21.5
0.0027	MP1272KRC1-####	12.0	4.0	9.0	0.22	MP1224KRDA-####	18.0	10.0	15.8
0.0033	MP1332KRC1-####	12.0	4.0	9.0	0.22	MP1224KRE6-####	26.5	12.0	21.5
0.0039	MP1392KRC1-####	12.0	4.0	9.0	0.22	MP1224KRF1-####	31.5	10.8	19.5
0.0047	MP1472KRC2-####	13.0	5.0	11.0	0.27	MP1274KRE3-####	26.5	8.5	17.0
0.0056	MP1562KRC2-####	13.0	5.0	11.0	0.27	MP1274KRF2-####	31.5	13.0	21.6
0.0068	MP1682KRC2-####	13.0	5.0	11.0	0.33	MP1334KRD8-####	18.0	11.2	19.2
0.0082	MP1822KRC2-####	13.0	5.0	11.0	0.33	MP1334KRE3-####	26.5	8.5	17.0
0.01	MP1103KRC2-####	13.0	5.0	11.0	0.33	MP1334KRF3-####	31.5	14.0	25.0
0.0022	MP1222KRD1-####	18.0	5.0	11.0	0.39	MP1394KRF3-####	31.5	14.0	25.0
0.0027	MP1272KRD1-####	18.0	5.0	11.0	0.47	MP1474KRE4-####	26.5	10.0	19.0
0.0033	MP1332KRD1-####	18.0	5.0	11.0	0.47	MP1474KRF4-####	32.0	16.0	25.5
0.0039	MP1392KRD1-####	18.0	5.0	11.0	0.56	MP1564KRE7-####	26.5	13.0	23.0
0.0047	MP1472KRD1-####	18.0	5.0	11.0	0.56	MP1564KRF7-####	32.0	18.0	26.0
0.0056	MP1562KRD1-####	18.0	5.0	11.0	0.68	MP1684KRF2-####	31.5	13.0	21.6
0.0068	MP1682KRD1-####	18.0	5.0	11.0	0.68	MP1684KRG3-####	38.0	18.0	28.0
0.0082	MP1822KRD1-####	18.0	5.0	11.0	0.82	MP1824KRF2-####	31.5	13.0	21.6
0.01	MP1103KRD1-####	18.0	5.0	11.0	0.82	MP1824KRG5-####	38.0	20.0	30.0
0.012	MP1123KRD1-####	18.0	5.0	11.0	1.0	MP1105KRF2-####	31.5	13.0	21.6
0.015	MP1153KRD1-####	18.0	5.0	11.0	1.0	MP1105KRT1-####	48.0	20.0	30.0
0.018	MP1183KRD1-####	18.0	5.0	11.0	2.0	MP1205KRT2-####	48.0	25.0	37.0
0.1	MP1104KRC3-####	13.0	6.0	12.0	2.2	MP1225KRH1-####	58.0	33.0	43.0
0.1	MP1104KRD2-####	18.0	6.0	12.0	2.5	MP1255KRH1-####	58.0	33.0	43.0
0.1	MP1104KRE2-####	26.5	7.0	16.5	2.7	MP1275KRH1-####	58.0	33.0	43.0
0.12	MP1124KRD3-####	18.0	7.5	13.5	3.0	MP1305KRH1-####	58.0	33.0	43.0
0.12	MP1124KRE3-####	26.5	8.5	17.0	3.3	MP1335KRH1-####	58.0	33.0	43.0
0.15	MP1154KRD3-####	18.0	7.5	13.5	3.9	MP1395KRH1-####	58.0	33.0	43.0
0.15	MP1154KRE5-####	26.5	11.0	20.0	4.0	MP1405KRH1-####	58.0	33.0	43.0
0.18	MP1184KRD4-####	18.0	8.4	14.5	4.5	MP1455KRH1-####	58.0	33.0	43.0
0.18	MP1184KRE6-####	26.5	12.0	21.5	4.7	MP1475KRH1-####	58.0	33.0	43.0
0.2	MP1204KRD4-####	18.0	8.4	14.5					