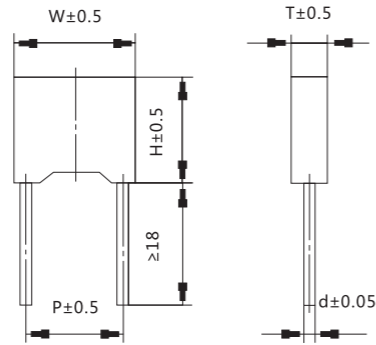
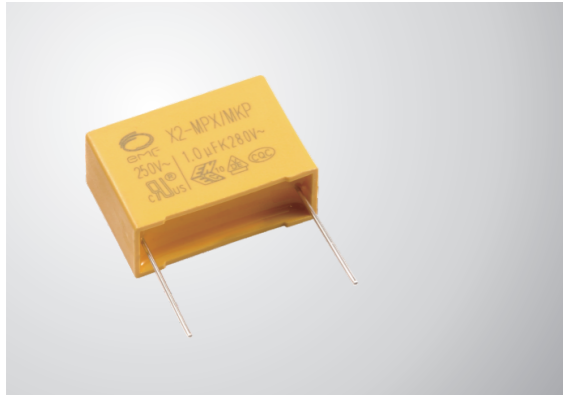




# X2-MPX/MKP 抑制电源电磁干扰薄膜电容器

EMI suppression capacitor(class X2)

## 外形图 / Outline Drawing



## 特点 / Features

- 具有耐压高、绝缘电阻高、能承受过压冲击，塑料外壳（UL94 V-0），阻燃环氧填充；
  - 适用于电源接地、旁路、天线耦合等抗干扰场合。
- High- voltage proof, High insulation resistance,withstanding overvoltage stressing,Plastic case(UL94 V-0),Epoxy resin sealing,Widely used in line to ground,line-by-pass,antenna coupling interference suppression,etc.

## 技术要求 / Specifications

参照标准Reference Standard	IEC60384-14、GB/T 14472
气候类别/阻燃等级Climatic Category/Passive Flammability Class	40/110/56/B
工作温度范围Operation Temperature Range	-40℃ ~ 110℃
额定温度Rated Temperature	85℃
额定电压Rated Voltage	275Vac / 280Vac / 300Vac / 305Vac / 310Vac
最大连续直流电压Maximum continuous DC voltage	1250Vdc
电容量范围Capacitance Range	0.001 μF ~ 4.7 μF
电容量偏差Capacitance Tolerance	± 10% (K)、± 20% (M) (20℃、1KHz)
耐电压Voltage Proof	引线之间Between Terminals 2000Vdc(2s) $C_n \leq 1.0 \mu F$ 1800Vdc(2s) $C_n > 1.0 \mu F$ 极壳之间Between Terminals to case 2120Vac(1min)
绝缘电阻Insulation Resistance	$C_R \leq 0.33 \mu F$ , $IR \geq 15000 M\Omega$ ; $C_R > 0.33 \mu F$ , $\tau \geq 5000 M\Omega \cdot \mu F$ (20℃、250V、60S)
损耗角正切Dissipation Factor	1KHz: $tg \delta \leq 0.0030$ ; 10KHz: $tg \delta \leq 0.0040$ (20℃)



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EMI suppression capacitor(class X2)

## 产品尺寸 / Product Dimension

275Vac / 280Vac / 300Vac / 305Vac / 310Vac											
容量(μF)	W	H	T	P±0.5	d±0.5	容量(μF)	W	H	T	P±0.5	d±0.5
0.001	10.5	9.0	4.0	7.5	0.6	0.1	13.0	12.0	6.0	10.0	0.6
0.0012	10.5	9.0	4.0	7.5	0.6	0.12	13.0	13.0	7.0	10.0	0.6
0.0015	10.5	9.0	4.0	7.5	0.6	0.15	13.0	13.0	7.0	10.0	0.6
0.0018	10.5	9.0	4.0	7.5	0.6	0.01	18.0	11.0	5.0	15.0	0.6
0.0022	10.5	9.0	4.0	7.5	0.6	0.012	18.0	11.0	5.0	15.0	0.6
0.0027	10.5	9.0	4.0	7.5	0.6	0.015	18.0	11.0	5.0	15.0	0.6
0.0033	10.5	9.0	4.0	7.5	0.6	0.018	18.0	11.0	5.0	15.0	0.6
0.0039	10.5	9.0	4.0	7.5	0.6	0.022	18.0	11.0	5.0	15.0	0.6
0.0047	10.5	9.0	4.0	7.5	0.6	0.027	18.0	11.0	5.0	15.0	0.6
0.0056	10.5	9.0	4.0	7.5	0.6	0.033	18.0	11.0	5.0	15.0	0.6
0.0068	10.5	9.0	4.0	7.5	0.6	0.039	18.0	11.0	5.0	15.0	0.6
0.0082	10.5	9.0	4.0	7.5	0.6	0.047	18.0	11.0	5.0	15.0	0.6
0.01	10.5	9.0	4.0	7.5	0.6	0.056	18.0	11.0	5.0	15.0	0.6
0.012	10.5	9.0	4.0	7.5	0.6	0.068	18.0	11.0	5.0	15.0	0.6
0.015	10.5	9.0	4.0	7.5	0.6	0.082	18.0	11.0	5.0	15.0	0.6
0.018	10.5	9.0	4.0	7.5	0.6	0.1	18.0	11.0	5.0	15.0	0.6
0.022	10.5	9.0	4.0	7.5	0.6	0.12	18.0	11.0	5.0	15.0	0.6
0.027	10.5	11.0	5.0	7.5	0.6	0.15	18.0	12.0	6.0	15.0	0.8
0.033	10.5	11.0	5.0	7.5	0.6	0.18	18.0	12.0	6.0	15.0	0.8
0.039	10.5	11.0	5.0	7.5	0.6	0.22	18.0	13.5	6.0	15.0	0.8
0.047	10.5	12.0	6.0	7.5	0.6	0.22	18.0	13.5	7.5	15.0	0.8
0.047	13.0	9.0	4.0	10.0	0.6	0.27	18.0	13.5	7.5	15.0	0.8
0.0056	13.0	9.0	4.0	10.0	0.6	0.33	18.0	13.5	10.0	15.0	0.8
0.0068	13.0	9.0	4.0	10.0	0.6	0.33	18.0	14.5	8.5	15.0	0.8
0.0082	13.0	9.0	4.0	10.0	0.6	0.33	18.0	17.5	7.5	15.0	0.8
0.01	13.0	9.0	4.0	10.0	0.6	0.39	18.0	14.5	8.5	15.0	0.8
0.012	13.0	9.0	4.0	10.0	0.6	0.47	18.0	16.0	10.0	15.0	0.8
0.015	13.0	9.0	4.0	10.0	0.6	0.47	18.0	19.0	11.0	15.0	0.8
0.018	13.0	9.0	4.0	10.0	0.6	0.47	18.0	14.0	9.0	15.0	0.8
0.022	13.0	9.0	4.0	10.0	0.6	0.56	18.0	19.0	11.0	15.0	0.8
0.027	13.0	9.0	4.0	10.0	0.6	0.68	18.0	19.0	11.0	15.0	0.8
0.033	13.0	9.0	4.0	10.0	0.6	0.82	18.0	21.0	12.0	15.0	0.8
0.039	13.0	9.0	4.0	10.0	0.6	0.15	26.5	15.0	6.0	22.5	0.8
0.047	13.0	11.0	5.0	10.0	0.6	0.22	26.5	15.0	6.0	22.5	0.8
0.056	13.0	11.0	5.0	10.0	0.6	0.27	26.5	15.0	6.0	22.5	0.8
0.068	13.0	11.0	5.0	10.0	0.6	0.33	26.5	15.0	6.0	22.5	0.8
0.082	13.0	12.0	6.0	10.0	0.6	0.39	26.5	15.0	6.0	22.5	0.8
0.47	26.5	16.0	7.0	22.5	0.8	0.68	32.0	18.0	9.0	27.5	0.8
0.56	26.5	16.0	7.0	22.5	0.8	0.82	32.0	18.0	9.0	27.5	0.8
0.68	26.5	17.0	8.5	22.5	0.8	1.0	32.0	18.0	9.0	27.5	0.8
0.82	26.5	18.5	10.0	22.5	0.8	1.2	32.0	20.0	11.0	27.5	0.8
1.0	26.5	18.5	10.0	22.5	0.8	1.5	32.0	20.0	11.0	27.5	0.8
1.2	26.5	20.0	11.0	22.5	0.8	1.8	32.0	22.0	13.0	27.5	0.8
1.5	26.5	22.0	12.0	22.5	0.8	2.2	32.0	25.0	13.0	27.5	0.8
1.8	26.5	24.5	15.5	22.5	0.8	2.7	32.0	24.5	15.0	27.5	0.8
2.2	26.5	24.5	15.5	22.5	0.8	3.3	32.0	28.0	17.0	27.5	0.8
0.47	18.0	18.0	9.0	27.5	0.8	3.9	32.0	33.0	18.0	27.5	0.8
0.56	18.0	18.0	9.0	27.5	0.8	4.7	32.0	37.0	22.0	27.5	0.8