



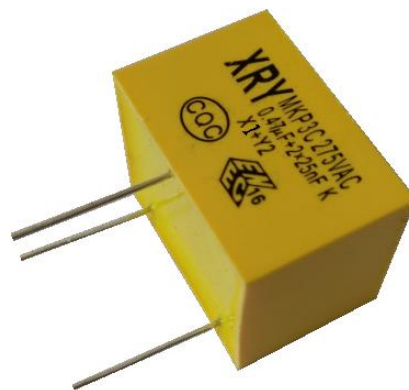
抑制电磁干扰电容器组件

Fixed capacitors unit for electromagnetic interference suppression ClassX1+2Y2

型号: MKP 3C (X1+2Y2)

金属化聚丙烯薄膜、1 个 X1 电容器和 2 个 Y2 电容器三角形连接结构、阻燃环氧树脂灌封、阻燃塑壳封装、阻燃等级 UL94V-0 级

Metallized polypropylene film, Delta by-pass connection, flame retardant plastic case and (UL94V-0)



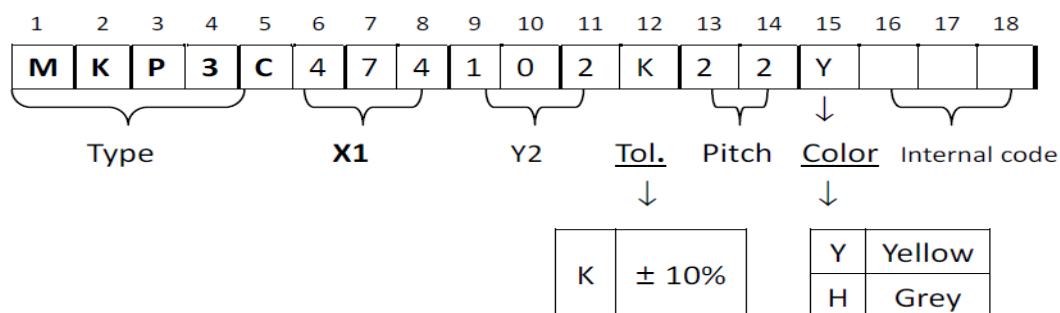
■特点 Features

- 良好的自愈性能● Self-healing property, good of safety effective
- 较低损耗值和卓越的高频性能● Low DF & excellent high frequency characteristics
- 耐脉冲高压性能以及抗电磁干扰能力. ●Withstand high pulse voltage and Interference Suppression
- 优良的温度特性●Excellent temperature characteristics
- 优异的阻燃性能. ●Excellent flame retardant properties

■用途 Applications

- 应用于高频率和大电流及高脉冲电压的电子电路● Electronic circuits for high frequency and high pulse voltage
- 广泛应用于电源跨接抗电磁干扰的电路中● In circuits where the power supply is connected to anti-electromagnetic interference
- 应用于工业电器、电动工具等●Apply to industrial electrical appliances, power tools, etc
- 该产品使用在开关电源, 通信滤波电路等● The product is used in switching power supply, communication filter circuit, etc.

■产品码构成 Explanation of numbers

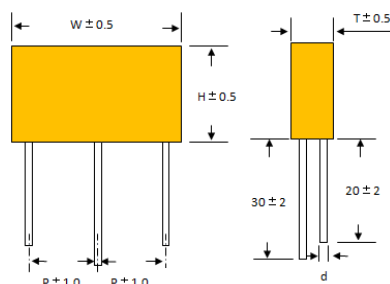


■技术规范 Specifications (IEC60384-14 GB/T6346.14 UL60384-14 EN60384-14)

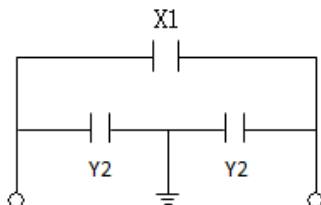
温度范围 Temperature Range	-40℃ ~ +110℃	
额定电压 U _R Rated Voltage	300Vac	
容量范围 C _R Capacitance Range	X1: 0.1μ F ~ 2.2μ F ; Y2: 0.001μ F~0.027μ F (at: 20℃、1KHz)	
容量偏差 Capacitance Tolerance	K (±10%)、M (±20%)	
损耗角正切值 tgδ Dissipation Factor	C _R ≤1μ F: 0.3% max (at: 20℃、10KHz) C _R >1μ F: 0.15% max (at: 20℃、1KHz)	
耐电压 U _{TT} Voltage Proof	X1: 2200V _{dc} 2S Y2: 3000V _{dc} 2S	
绝缘电阻 I _R Insulation Resistance	C _R ≤0.33μ F IR≥15000MΩ (at: 20℃、100V _{dc} 、60S) C _R >0.33μ F IR>5000S	
脉冲电压 U _P Pulse Voltage	Y2: 5000 V _P	
	X1: 4000 V _P	X1:C _R ≤1μ F, 4000 V _P ; C _R >1μ F, 4000/√C _R V _P



■外形图 OUTLINE DRAWING



■内部连接 Internal connection



■尺寸 Dimensions

产 品 码	容 量 (μF)	尺 寸 (mm)					备 注
		P $\pm$ 1	W $\pm$ 0.5	H $\pm$ 0.5	T $\pm$ 0.5	Φ d $\pm$ 0.05	
U _R =300Vac							
MKP3C104102□15□□□	0.1+2×0.001	15	18	18	10	0.6	
MKP3C104222□15□□□	0.1+2×0.0022	15	18	18	10	0.6	
MKP3C104472□15□□□	0.1+2×0.0047	15	18	18	10	0.6	
MKP3C104103□15□□□	0.1+2×0.01	22.5	26	22	12	0.6	
MKP3C104273□15□□□	0.1+2×0.027	22.5	26	22	12	0.6	
MKP3C224102□22□□□	0.22+2×0.001	22.5	26	19	10	0.6	
MKP3C224222□22□□□	0.22+2×0.0022	22.5	26	19	10	0.6	
MKP3C224332□22□□□	0.22+2×0.0033	22.5	26	20	11	0.6	
MKP3C224472□22□□□	0.22+2×0.0047	22.5	26	20	11	0.6	
MKP3C224103□22□□□	0.22+2×0.01	22.5	26	22	12	0.6	
MKP3C224273□22□□□	0.22+2×0.027	22.5	26	22	12	0.6	
MKP3C334102□22□□□	0.33+2×0.001	22.5	26	19	10	0.6	
MKP3C334222□22□□□	0.33+2×0.0022	22.5	26	19	10	0.6	
MKP3C334332□22□□□	0.33+2×0.0033	22.5	26	20	12	0.6	
MKP3C334472□22□□□	0.33+2×0.0047	22.5	26	20	12	0.6	
MKP3C334103□22□□□	0.33+2×0.01	22.5	26	20	12	0.6	
MKP3C334273□22□□□	0.33+2×0.027	22.5	26	20	12	0.6	
MKP3C474102□22□□□	0.47+2×0.001	22.5	26	20	11	0.6	
MKP3C474222□22□□□	0.47+2×0.0022	22.5	26	22	12	0.6	
MKP3C474332□22□□□	0.47+2×0.0033	22.5	26	22	12	0.6	
MKP3C474472□22□□□	0.47+2×0.0047	22.5	26	22	12	0.6	
MKP3C474103□22□□□	0.47+2×0.01	22.5	26	22	12	0.6	
MKP3C474273□22□□□	0.47+2×0.027	22.5	26	17	20	0.6	
MKP3C105102□22□□□	1.0+2×0.001	27.5	32	25	14	0.6	
MKP3C105222□22□□□	1.0+2×0.0022	27.5	32	25	14	0.6	
MKP3C105332□22□□□	1.0+2×0.0033	27.5	32	25	14	0.6	
MKP3C105103□22□□□	1.0+2×0.01	27.5	32	25	14	0.6	
MKP3C105273□22□□□	1.0+2×0.027	27.5	31.5	27.5	17.5	0.6	
MKP3C225102□22□□□	2.2+2×0.001	27.5	32	30	20	0.6	
MKP3C225472□22□□□	2.2+2×0.0047	27.5	32	30	20	0.6	
MKP3C225103□22□□□	2.2+2×0.01	27.5	32	30	20	0.6	
MKP3C225273□22□□□	2.2+2×0.027	27.5	32	37	22	0.6	

备注：以上尺寸只供参考。（可按照客户实际需要设计）

Remarks: The above dimensions are for reference only. (can be designed according to the actual needs of customers)