



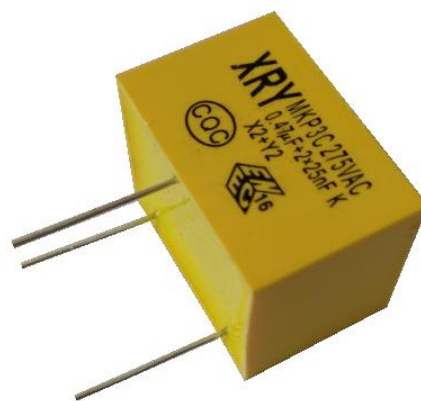
抑制电磁干扰电容器组件

Fixed capacitors unit for electromagnetic interference suppression ClassX2+2Y2

型号 Type: **MKP 3C (X2+2Y2)**

金属化聚丙烯薄膜、1 个 X2 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.
- 耐脉冲高压性能强● 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

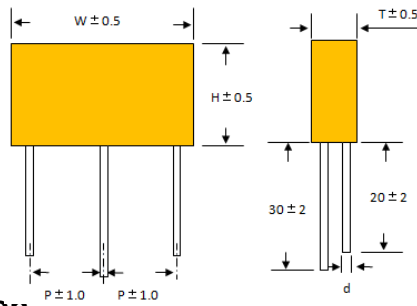
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
M	K	P	3	C	4	7	4	1	0	2	K	2	2	Y			
Type					X 2.			Y2			Tol.	Pitch		Color	Internal code		
											K	± 10%		Y	Yellow		
											M	± 20%		D	Dark Grey		

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

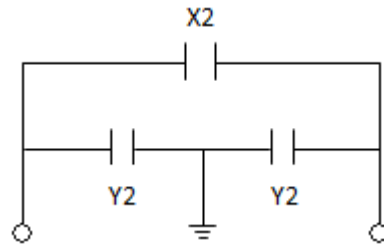
温度范围 Temperature Range	-40℃ ~ +110℃	
额定电压 U_R Rated Voltage	300Vac/275Vac	
容量范围 C_R Capacitance Range	X2: 0.1μ F ~ 2.2μ F ; Y2: 0.001μ F~0.027μ F (at: 20℃、1KHz)	
容量偏差 Capacitance Tolerance	K (±10%)、M (±20%)	
损耗角正切值 $\tan\delta$ Dissipation Factor	$C_R \leq 1\mu F$: 0.3% max (at: 20℃、10KHz) $C_R > 1\mu F$: 0.15% max (at: 20℃、1KHz)	
耐电压 U_{TT} Voltage Proof	X2: 2000V _{dc} 2S Y2: 3000V _{dc} 2S	
绝缘电阻 I_R Insulation Resistance	$C_R \leq 0.33\mu F$ $I_R \geq 15000M\Omega$ $C_R > 0.33\mu F$ $I_R > 5000S$ (at: 20℃、100V _{dc} 、60S)	
脉冲电压 U_P Pulse Voltage	Y2: 5000 V _P	
	X2: 2500 V _P	$CR \leq 1\mu F$, 2500 V _P ; $CR > 1\mu F$, $2500/\sqrt{C_R}$ V _P



■外形图 OUTLINE DRAWING



■内部连接 Internal connection



■尺寸 Dimensions

产 品 码	容 量 (μ F)	尺 寸 (mm)					备 注
		P±1	W ±0.5	H±0.5	T ±0.5	Φ d±0.05	
U _R =300Vac/275Vac							
MKP3C104102□15□□□	0.1+2×0.001	15	18.0	16.5	10.0	0.6	
MKP3C104222□15□□□	0.1+2×0.0022	15	18.0	16.5	10.0	0.6	
MKP3C104472□15□□□	0.1+2×0.0047	15	18.0	16.5	10.0	0.6	
MKP3C104103□15□□□	0.1+2×0.01	15	18.0	18.0	10.0	0.6	
MKP3C104273□22□□□	0.1+2×0.027	22.5	26.5	22.0	12.0	0.6	
MKP3C224102□15□□□	0.22+2×0.001	15	18.0	18.0	10.0	0.6	
MKP3C224222□15□□□	0.22+2×0.0022	15	18.0	18.0	10.0	0.6	
MKP3C224332□22□□□	0.22+2×0.0033	22.5	26.5	20.0	11.0	0.6	
MKP3C224472□22□□□	0.22+2×0.0047	22.5	26.5	20.0	11.0	0.6	
MKP3C224103□22□□□	0.22+2×0.01	22.5	26.5	22.0	12.0	0.6	
MKP3C224273□22□□□	0.22+2×0.027	22.5	26.5	22.0	12.0	0.6	
MKP3C334102□22□□□	0.33+2×0.001	22.5	26.5	19.0	10.0	0.6	
MKP3C334222□22□□□	0.33+2×0.0022	22.5	26.5	19.0	10.0	0.6	
MKP3C334332□22□□□	0.33+2×0.0033	22.5	26.5	22.0	12.0	0.6	
MKP3C334472□22□□□	0.33+2×0.0047	22.5	26.5	20.0	11.0	0.6	
MKP3C334103□22□□□	0.33+2×0.01	22.5	26.5	22.0	12.0	0.6	
MKP3C334273□22□□□	0.33+2×0.027	22.5	26.5	22.0	12.0	0.6	
MKP3C474102□22□□□	0.47+2×0.001	22.5	26.5	19.0	10.0	0.6	
MKP3C474222□22□□□	0.47+2×0.0022	22.5	26.5	20.0	11.0	0.6	
MKP3C474332□22□□□	0.47+2×0.0033	22.5	26.5	20.0	11.0	0.6	
MKP3C474472□22□□□	0.47+2×0.0047	22.5	26.5	22.0	12.0	0.6	
MKP3C474103□22□□□	0.47+2×0.01	22.5	26.5	22.0	12.0	0.6	
MKP3C474273□22□□□	0.47+2×0.027	22.5	26.5	17.0	20.0	0.6	
MKP3C105102□27□□□	1.0+2×0.001	27.5	32.0	23.0	13.0	0.6	
MKP3C105222□27□□□	1.0+2×0.0022	27.5	32.0	23.0	13.0	0.6	
MKP3C105332□27□□□	1.0+2×0.0033	27.5	32.0	23.0	13.0	0.6	
MKP3C105103□27□□□	1.0+2×0.01	27.5	32.0	25.0	14.0	0.6	
MKP3C105253□22□□□	1.0+2×0.025	22.5	26.5	17.0	20.0	0.6	
MKP3C105273□22□□□	1.0+2×0.027	22.5	26.5	17.0	20.0	0.6	
MKP3C225102□27□□□	2.2+2×0.001	27.5	31.5	27.5	17.5	0.6	
MKP3C225222□27□□□	2.2+2×0.0022	27.5	31.5	27.5	17.5	0.6	
MKP3C225472□27□□□	2.2+2×0.0047	27.5	31.5	27.5	17.5	0.6	
MKP3C225103□27□□□	2.2+2×0.01	27.5	31.5	27.5	17.5	0.6	
MKP3C225273□27□□□	2.2+2×0.027	27.5	32.0	37.0	22.0	0.6	

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