

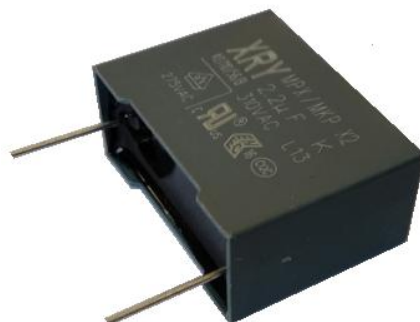
抑制电磁干扰电容器

Fixed capacitors for electromagnetic interference suppression ClassX2

型号 Type: **MKP X2**

金属化聚丙烯薄膜、阻燃塑壳封装、阻燃等级 UL94V-0 级

Non-inductive construction using metallized Polypropylene film with flame retardant plastic case and epoxy resin seal (UL94V-0).



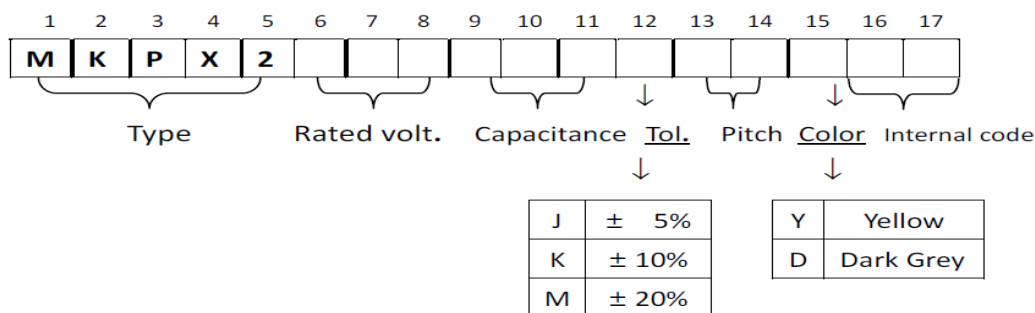
■特点 Features

- 耐高电压冲击
- 卓越的高频性能
- Resistant to high voltage shock Excellent temperature characteristics
- Excellent high frequency performance Excellent flame retardant properties
- 优良的温度特性
- 优异的阻燃性能

■用途 Applications

- 广泛应用于电源跨接抗电磁干扰的电路中 (抑制差模干扰)
- 应用于音频和视频电路
- 应用于家用电器 (搅拌器、电烤箱、风扇等)
- Widely used in power supply connected to anti-EMI circuits
- Apply to industrial electrical appliances (Suppress differential mode interference)
- Audio and video circuits Lighting circuit Power tools and EMI filters
- Household appliances (mixers, electric ovens, fans, etc.)
- 应用于工业电器
- 应用于电动工具和 EMI 滤波器
- 应用于灯具电路

■产品码构成 Explanation of numbers

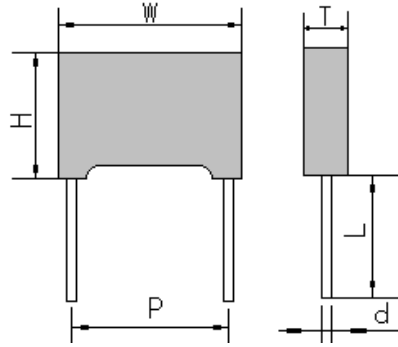


■技术规范 Specifications (IEC384-14 GB/T6346.14 UL60384-14 EN60384-14)

温度范围 Temperature Range	-40℃ ~ +110℃
额定电压 U_R Rated Voltage	X2: 310Vac/275Vac
容量范围 C_R Capacitance Range	0.001μ F ~ 10μ F (at: 20℃、1KHz)
容量偏差 Capacitance Tolerance	J (±5%)、K (±10%)、M (±20%)
损耗角正切值 $tg\delta$ 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	1800Vdc 2S
绝缘电阻 I_R Insulation Resistance	$C_R \leq 0.33\mu F$ IR ≥ 15000MΩ $C_R > 0.33\mu F$ IR > 5000S (at: 20℃、100Vdc、60S)
脉冲电压 U_P Pulse Voltage	$C_R \leq 1\mu F$: U_P 2500 V_P $C_R > 1\mu F$: U_P 2500/ $\sqrt{C_R}$ V_P



■外形图 OUTLINE DRAWING



■尺寸 Dimensions

产品码	容量 (μF)	尺寸 (mm)					备注
		$P_{\pm 1}$	$W_{\pm 0.5}$	$H_{\pm 0.5}$	$T_{\pm 0.5}$	$\Phi d_{\pm 0.05}$	
$U_R = 310Vac/275 Vac$							
MKPX2310102□10□□□	0.001	10	13	9	4	0.6	
MKPX2310222□10□□□	0.0022	10	13	9	4	0.6	
MKPX2310332□10□□□	0.0033	10	13	9	4	0.6	
MKPX2310472□10□□□	0.0047	10	13	9	4	0.6	
MKPX2310562□10□□□	0.0056	10	13	9	4	0.6	
MKPX2310682□10□□□	0.0068	10	13	11	4	0.6	
MKPX2310103□10□□□	0.010	10	13	11	4	0.6	
MKPX2310103□15□□□	0.010	15	18	11	5	0.8	
MKPX2310153□10□□□	0.015	10	13	11	4	0.6	
MKPX2310153□15□□□	0.015	15	18	11	5	0.8	
MKPX2310223□10□□□	0.022	10	13	11	4	0.6	
MKPX2310223□15□□□	0.022	15	18	11	5	0.8	
MKPX2310333□10□□□	0.033	10	13	11	4	0.8	
MKPX2310333□15□□□	0.033	15	18	11	5	0.8	
MKPX2310473□10□□□	0.047	10	13	11	5	0.8	
MKPX2310473□15□□□	0.047	15	18	11	5	0.8	
MKPX2310683□15□□□	0.068	15	18	11	5	0.8	
MKPX2310823□15□□□	0.082	15	18	11	5	0.8	
MKPX2310104□10□□□	0.10	10	13	11	5	0.6	
MKPX2310104□10□□□	0.10	10	13	12	6	0.6	
MKPX2310104□15□□□	0.10	15	18	11	5	0.6	
MKPX2310104□15□□□	0.10	15	18	12	6	0.8	
MKPX2310154□15□□□	0.15	15	18	12	6	0.8	
MKPX2310224□10□□□	0.22	10	13	13.5	8	0.6	
MKPX2310224□15□□□	0.22	15	18	13	7	0.8	
MKPX2310224□22□□□	0.22	22.5	26.5	15	6	0.8	
MKPX2310334□15□□□	0.33	15	18	13.5	7.5	0.8	
MKPX2310334□15□□□	0.33	15	18	14.5	8.5	0.8	
MKPX2310334□22□□□	0.33	22.5	26.5	15	6	0.8	
MKPX2310474□15□□□	0.47	15	18	14.5	8.5	0.8	
MKPX2310474□15□□□	0.47	15	16	16	10	0.8	
MKPX2310474□22□□□	0.47	22.5	26.5	16.5	7	0.8	
MKPX2310684□22□□□	0.68	22.5	26.5	17	8.5	0.8	
MKPX2310684□27□□□	0.68	27.5	32	17.5	8.5	0.8	
MKPX2310105□15□□□	1.0	15	18	19	11	0.8	
MKPX2310105□22□□□	1.0	22.5	26	20	11	0.8	
MKPX2310105□27□□□	1.0	27.5	32	20	11	0.8	
MKPX2310155□27□□□	1.5	27.5	32	22	11	0.8	
MKPX2310225□27□□□	2.2	27.5	32	25	14	0.8	
MKPX2310335□27□□□	3.3	27.5	32	27.5	17.5	0.8	
MKPX2310475□27□□□	4.7	27.5	32	37	22	1.0	
MKPX2310565□27□□□	5.6	27.5	32	37	22	1.0	



MKPX2310685□37□□□	6.8	37.5	42	33.5	18.5	1.0	
MKPX2310825□37□□□	8.2	37.5	41.5	40	20	1.0	
MKPX2310106□37□□□	10	37.5	41	33	18	1.0	
MKPX2310106□37□□□	10	37.5	41	41	26	1.0	

备忘录 MEMO
