



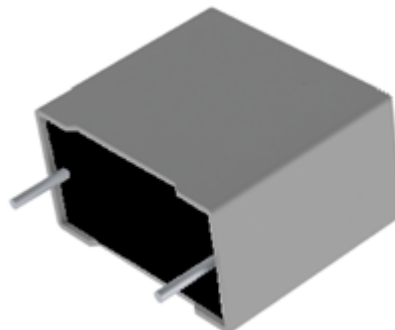
抑制电磁干扰电容器

Fixed capacitors for electromagnetic interference suppression, Temperature Humidity Bias (THB) series ClassX2(H)

型号 Type: MKP X2(H), THB 防潮系列

金属化聚丙烯薄膜、阻燃塑壳封装、阻燃等级 UL94V-0 级

Metallized Polypropylene film with flame retardant plastic case and epoxy resin seal (UL94V-0).



■特点 Features

- 在严苛的环境下（如高温高湿）
- 长期应用容量稳定性优异。
- 自愈性优良，能承受浪涌电压冲击。
- 优良的阻燃特性
- In the harsh environment (high temperature and humidity)
- excellent long-term stability by Capacitance.
- Good self-healing property, withstanding surge voltage stressing.
- Excellent flame retardant properties

■用途 Applications

- 用于抗电磁干扰的电路中（抑制差模干扰）、电源跨线、电源滤波器跨线开关电源
- 用于电源串联连接用
- 阻容降压用
- 例如：电表，LED 供电模块及其他苛刻应用环境。
- Circuit for anti-EMI, power supply lin, power filter crossover swithing power supply
- Specifically applied to the power supply are connected in series
- Used in step-down (drive) circuit
- For example: Ammeter, LED Power supply module, and other demanding environments

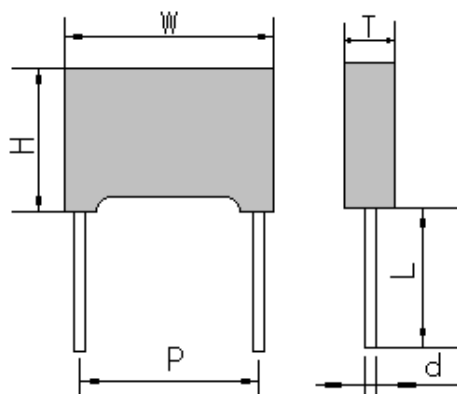
■产品码构成 Explanation of numbers

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M	K	P	X	2												H
Type				Rated volt.			Capacitance			Tol.	Pitch		Color	Identifier		
										↓			↓			



脉冲电压 U_p Pulse Voltage	$C_R \leq 1\mu F: U_p \ 2500 V_p$ $C_R > 1\mu F: U_p \ 2500/\sqrt{C_R} V_p$
耐湿负荷测试(THB) Moist heat resistance load test (THB)	温度: $85^\circ\text{C} \pm 2^\circ\text{C}$; 相对湿度 $85\% \pm 2\%$; 电压: $310\text{Vac}/50\text{Hz}$; 时间1000小时 Temp. $85^\circ\text{C} + 2^\circ\text{C}$; Relative humidity: $85\% + 2\%$; Volt: $310\text{vac}/50\text{HZ}$ Test duration: 1000 hours, 电容量变化 ($\Delta C/C$): $\leq 10\%$; 损耗角正切值变化 ($\Delta \text{tg}\delta$): $\leq 0.5\%$ (1KHz); 绝缘电阻: $\geq$ 标准值的 50% Capacitance change (C/C) $\leq 10\%$; DF change ($\text{tg}_\perp$) $\leq 0.5\%$ (1KHz); Insulation resistance: initial 50%

■ 外形图 OUTLINE DRAWING



■ 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	d±0.05	
U _R =310Vac/275 Vac							
MKPX2310104□15□0H	0.1	15	18.0	13.5	7.5	0.8	
MKPX2310154□15□0H	0.15	15	18.0	13.5	7.5	0.8	
MKPX2310224□15□0H	0.22	15	18.0	14.5	8.5	0.8	
MKPX2310274□15□0H	0.27	15	18.0	16.0	10.0	0.8	
MKPX2310334□15□0H	0.33	15	18.0	18.0	10.0	0.8	
MKPX2310394□15□0H	0.39	15	18.0	19.0	11.0	0.8	
MKPX2310474□15□0H	0.47	15	18.0	19.0	11.0	0.8	
MKPX2310224□22□0H	0.22	22.5	26.5	16.5	7.0	0.8	
MKPX2310334□22□0H	0.33	22.5	26.5	17.0	8.5	0.8	
MKPX2310394□22□0H	0.39	22.5	26.5	17.0	8.5	0.8	
MKPX2310474□22□0H	0.47	22.5	26.5	19.0	10.0	0.8	
MKPX2310564□22□0H	0.56	22.5	26.5	19.0	10.0	0.8	
MKPX2310684□22□0H	0.68	22.5	26.5	20.0	11.0	0.8	
MKPX2310824□22□0H	0.82	22.5	26.5	20.0	11.0	0.8	
MKPX2310105□22□0H	1.0	22.5	26.5	22.5	13.0	0.8	
MKPX2310125□22□0H	1.2	22.5	26.5	22.5	13.0	0.8	
MKPX2310155□27□0H	1.5	27.5	32.0	25.0	13.0	0.8	
MKPX23100185□27□0H	1.8	27.5	32.0	25.0	14.0	0.8	
MKPX23100225□27□0H	2.2	27.5	32.0	28.0	14.0	0.8	
MKPX23100335□27□0H	3.3	27.5	32.0	33.0	18.0	0.8	