

X2-MKP 为无感结构，用金属化聚丙烯膜作为电介质 / 电极卷绕而成，导线采用镀锡铜包钢线，使用环氧树脂密封在塑料壳内。

X2-MKP are non-inductively wound with metallized Polypropylene film as the dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

特 点 FEATURES

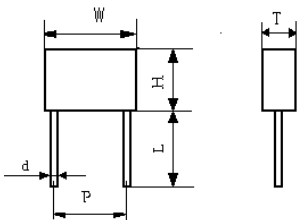
- 在严苛的环境下（如高温高湿）长期应用容量稳定性优异；
Excellent capacity stability for long-term application in harsh environments (such as high temperature and humidity)
- 湿度：85% ， 温度：85±3℃(60/93)， 耐久性： 500/1000hrs, $\Delta C/C \leq \pm 20\%$ ；
Humidity: 85% RH, Temperature: 85±3℃(60/93), Duration: 500/1000hrs, $\Delta C/C \leq \pm 20\%$;
- 自愈性能优异，能承受过电压冲击；优异的阻燃性能，符合 AEC-Q200 要求。
Excellent self-healing performance, able to withstand overvoltage impact; Excellent flame retardant performance, meeting the requirements of AEC-Q200.

用 途 APPLICATIONS

- 电磁干扰抑制；例如： LED 驱动模块，光伏系统及其他环境应用。
Electromagnetic interference suppression; For example: LED driver modules, photovoltaic systems, and other environmental applications.

技 术 要 求 SPECIFICATIONS

- 引用标准 Reference Standard: GB/T14472 (IEC 60384-14), UL 60384-14
- 气候类别 Climatic Category: 40/110/56
- 额定电压 Rated Voltage: 275VAC/300VAC/305VAC
- 电容量范围 Capacitance Range: 0.1~4.7μF
- 电容量偏差 Capacitance Tolerance: $\pm 5\%(J), \pm 10\%(K), \pm 20\%(M)$
- 耐电压 Voltage Proof: 4.3UrDC(5s)
- 损耗角正切 Dissipation Factor: $\leq 0.2\%(20^\circ\text{C}, 10\text{KHZ})$
- 绝缘电阻 Insulation Resistance: $CR \leq 0.3\mu\text{F}, \geq 15000 \text{ M}\Omega$
 $(20^\circ\text{C}, 1\text{min})$ $CR > 0.3\mu\text{F}, \geq 5000\text{S}$



产 品 尺 寸 DIMENSIONS

额定电压 VAC	标称容量 μF	外形尺寸 (mm) Dimensions				
		W ±0.5	H ±0.5	T ±0.5	P ±1.0	d ±0.05
275VAC /300VAC/305VAC	0.22	18.0	12.0	6.0	15.0	0.8
	0.47	18.0	14.5	8.5	15.0	0.8
	0.68	18.0	14.5	7.0	15.0	0.8
	1.0	18.0	16.0	10.0	15.0	0.8
		18.0	18.0	9.0	15.0	0.8
		18.0	15.5	9.5	15.0	0.8
	1.5	18.0	19	11	15.0	0.8

NAME	BRAND
C-UL	
VDE	
ENEC	
CQC	

具体尺寸和技术参数，可按客户要求协商确定。
Special requirements can be designed at the request of customers.