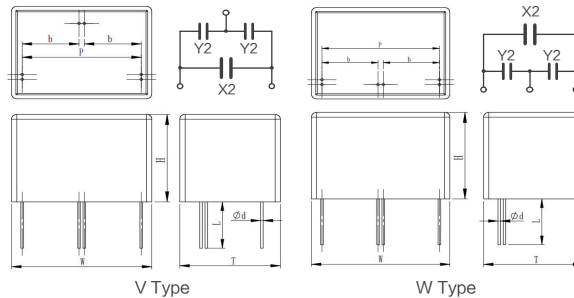
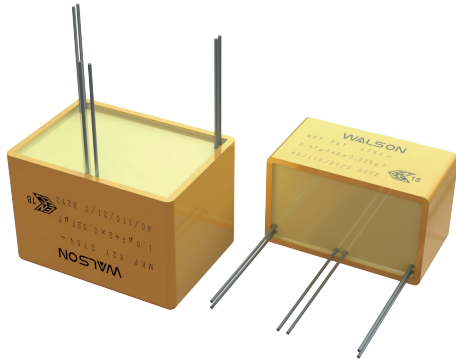


MKP X2Y2 抑制电磁干扰电容器模块 (X2+Y2类)

Capacitor Module for Electromagnetic interference suppression (Class X2+Y2)

外形图 Outline Drawing



单位 Unit: mm

特点 Features

- 金属化聚丙烯膜，无感结构，具有良好的电气性能
- X2和Y2类抗干扰电容器三角形连接，一体结构三端引出
- 阻燃塑料外壳和环氧树脂封装 (UL 94 V-0)，镀锡铜包钢线引出端
- 参考GB/T 6346.14 (idt IEC 60384-14) 标准，获得ENEC认证

- Metallized polypropylene film, non-inductive construction, with good electrical properties
- X2 and Y2 class suppress-interference capacitors have a triangular connection and integrated structure with three ends lead out
- Flame-resistant plastic case and epoxy resin sealing (UL 94 V-0), tinned copper clad steel wires lead out at three ends
- Referring to the GB/T 6346.14 (idt IEC 60384-14) standard, obtained ENEC certification

主要用途 Typical Applications

- 用于线路旁路、天线耦合、跨线路和火花消除器电路，主要用于抑制应用中出现的噪音
- 适用于EMI滤波器、开关电源、家用电器，如混频器、风扇，咖啡研磨机、音响和电视机等

- Used in line bypass, antenna coupling, across-the-line and spark killer circuits, mainly for suppressing noise occurring in applications
- Available for EMI filter, SMPS, Household appliances, such as mixers, fans, coffee grinders, audio and TV etc

技术要求 Specifications

| | |
|---|--|
| 引用标准 Reference Standard | IEC 60384-14:2013/AMD:2016 EN 60384-14:2013+A1 |
| 产品分类 Product subclass | X2, Y2 |
| 额定电压 Rated voltage | 275Vac、300 Vac |
| 标称电容量范围 Normal capacitance range | X2: 0.1~2.2 μ F Y2: 0.001~0.027 μ F |
| 电容量偏差 Capacitance Tolerance | $\pm 10\%$ (K) |
| 气候类别 Climatic category | 40/110/21 |
| 阻燃等级 Passive flammability category | C |
| 极间耐电压 Voltage test between terminals | X2: 1800 Vdc 2 s Y2: 3000 Vdc 2 s |
| 极壳耐电压 Voltage test between terminals and case | 2100 Vac 60 s |
| 绝缘电阻 Insulation resistance | $C \leq 0.33 \mu F: \geq 15000 M\Omega$, $C \leq 0.33 \mu F: \geq 5000 s$ (20 $^{\circ}$ C, 100V, 1min) |
| 损耗角正切 Tangent of loss angle | ≤ 0.0010 (1 kHz, 20 $^{\circ}$ C) |

■ 外形尺寸 Dimensions (mm)

| 额定容量 C_{R-X2} (μF) | 额定容量 C_{R-Y2} (μF) | 外壳尺寸 | | | 引线尺寸 | | |
|--------------------------------------|--------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|
| | | 宽度 $W \pm 1$ (mm) | 高度 $H \pm 1$ (mm) | 厚度 $T \pm 1$ (mm) | 脚距 $P \pm 2$ (mm) | 脚距 $b \pm 2$ (mm) | 线径 $\phi d \pm 0.05$ (mm) |
| 0.1 | 0.001 | 18 | 16 | 10 | 15 | 7.5 | 0.5 |
| | 0.0022 | 18 | 16 | 10 | 15 | 7.5 | 0.5 |
| | 0.0047 | 18 | 16 | 10 | 15 | 7.5 | 0.5 |
| | 0.01 | 18 | 19 | 11 | 15 | 10 | 0.5 |
| | 0.027 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| 0.22 | 0.001 | 18 | 19 | 11 | 15 | 10 | 0.5 |
| | 0.0022 | 18 | 19 | 11 | 15 | 10 | 0.5 |
| | 0.0033 | 26.5 | 20 | 11 | 22.5 | 10 | 0.5 |
| | 0.0047 | 26.5 | 20 | 11 | 22.5 | 10 | 0.5 |
| | 0.01 | 26.5 | 20 | 11 | 22.5 | 10 | 0.5 |
| | 0.027 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| 0.33 | 0.001 | 26.5 | 20 | 11 | 22.5 | 10 | 0.5 |
| | 0.0022 | 26.5 | 20 | 11 | 22.5 | 10 | 0.5 |
| | 0.0033 | 26.5 | 20 | 11 | 22.5 | 10 | 0.5 |
| | 0.0047 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.01 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.027 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| 0.47 | 0.001 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.0022 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.0033 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.0047 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.01 | 26.5 | 22 | 12 | 22.5 | 10 | 0.5 |
| | 0.025 | 26 | 15 | 16 | 22.5 | 10 | 0.5 |
| | 0.027 | 26 | 15 | 16 | 22.5 | 10 | 0.5 |
| 1 | 0.001 | 32 | 24.5 | 15 | 27.5 | 12.5 | 0.5 |
| | 0.0022 | 32 | 24.5 | 15 | 27.5 | 12.5 | 0.5 |
| | 0.0033 | 32 | 24.5 | 15 | 27.5 | 12.5 | 0.5 |
| | 0.01 | 32 | 24.5 | 15 | 27.5 | 12.5 | 0.5 |
| | 0.025 | 26.5 | 18 | 19 | 22.5 | 10 | 0.5 |
| | 0.027 | 26.5 | 18 | 19 | 22.5 | 10 | 0.5 |
| 2.2 | 0.001 | 31 | 30 | 18 | 27.5 | 12.5 | 0.5 |
| | 0.022 | 31 | 30 | 18 | 27.5 | 12.5 | 0.5 |
| | 0.0047 | 31 | 30 | 18 | 27.5 | 12.5 | 0.5 |
| | 0.01 | 31 | 30 | 18 | 27.5 | 12.5 | 0.5 |
| | 0.027 | 32 | 37 | 22 | 27.5 | 12.5 | 0.5 |

注：以上规格尺寸供参考，可根据客户实际需要设计。

Note: The above specification and dimensions are for reference, we can design according to the actual needs of customers.