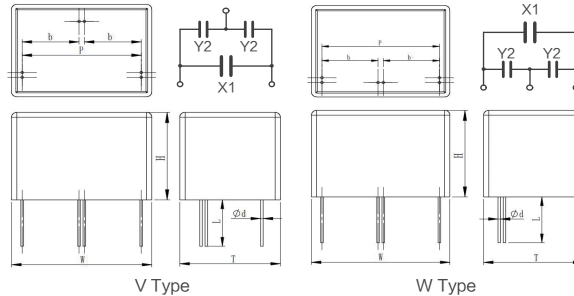
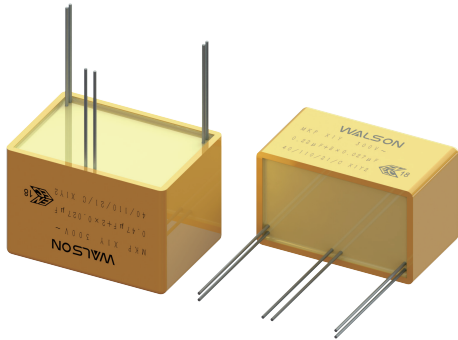


MKP X1Y 抑制电磁干扰电容器模块 (X1+Y2类)

Capacitor Module for Electromagnetic interference suppression (Class X1+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
- X1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
- X1 and Y2 class suppress-interference capacitors have a triangular connection and integrated structure with three ends lead out
- Flame retardant 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	X1, Y2
额定电压 Rated voltage	300 Vac
标称电容量范围 Normal capacitance range	X1: 0.1~1.5 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	X1: 2000 Vdc 2s Y2: 3000 Vdc 2s
极壳耐电压 Voltage test between terminals and case	2100 Vac 60s
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-X1} (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	19	11	15	7.5	0.5
	0.0022	18	19	11	15	7.5	0.5
	0.0047	18	19	11	15	7.5	0.5
	0.01	26.5	20	11	22.5	10	0.5
	0.027	26.5	22	12	22.5	10	0.5
0.22	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
	0.027	26.5	23	13	22.5	10	0.5
0.33	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
	0.027	26.5	18	19	22.5	10	0.5
0.47	0.001	26.5	23	13	22.5	10	0.5
	0.0022	26.5	23	13	22.5	10	0.5
	0.0033	26.5	23	13	22.5	10	0.5
	0.0047	26.5	23	13	22.5	10	0.5
	0.01	26.5	23	13	22.5	10	0.5
	0.027	26.5	18	19	22.5	10	0.5
1	0.001	31	30	18	27.5	12.5	0.5
	0.0022	31	30	18	27.5	12.5	0.5
	0.0033	31	30	18	27.5	12.5	0.5
	0.01	31	30	18	27.5	12.5	0.5
	0.027	31	30	18	27.5	12.5	0.5
1.5	0.001	32	37	22	27.5	12.5	0.5
	0.0047	32	37	22	27.5	12.5	0.5
	0.01	32	37	22	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.