

# MXY Noise Suppression Capacitor (Encased)

## 抗干扰电容器（盒子型）

### ★FEATURE

- Capacitor network has one X<sub>2</sub> and two Y<sub>2</sub> capacitors in a compact package.
- Excellent common and normal mode capability in a wide capacitance selection
- Y<sub>2</sub> capacitors grounded to external mounting tab or common lead.
- Installed cost saving with single packing design.

### ★APPLICATION

- Radio-frequency interference currents are by-pass
- Antenna coupling, Across-the-line, spark kills.
- EMI and FMI filter
- Switching power supply

### ★SPECIFICATIONS 技术要求：

### 特点:

- 电容由一个 X<sub>2</sub> 和两个 Y<sub>2</sub> 电容组成。
- 再较宽的容量选择范围内有优异的共同容量和形式容量。
- Y<sub>2</sub> 电容接地到外底座或公共线。
- 单一包封节省安装费用。

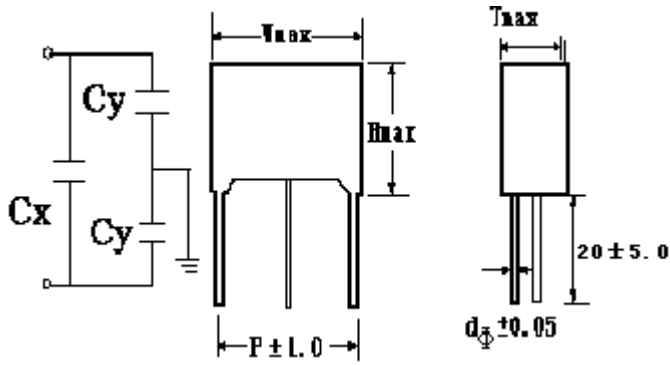
### 用途:

- 射频突波抑制电流旁路。
- 线间跨接天线耦合电火消制回路
- 频率和电磁调制滤波。
- 开关电源

COATING 包封	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL 94v-0 UL 94v-0 阻燃盒子并以环氧树脂封装
LEADS 导线	Radial leads of tinned wire 径向镀锡导线
REFERENCE STANDARD 引用标准	UL1414, ICE 384-14
CLIMATIC CATALOGUE 气候类别	40/85/21
CAPACITANCE VERSUS 静电容量	0.047μF---0.47μF (X <sub>2</sub> ) 0.001μF---0.0047μF (Y <sub>2</sub> )
RATED VOLTAGE 额定电压	275VAC (50/60 HZ)
CAPACITANCE TOLERANCE 静电容量误差	M=±20% K=±10% J=±5%
DISSIPATION FACTOR 散逸因素	≤ 0.10% PP; ≤ 1.0% PE (at 20 °C, 1KHz)
VOLTAGE PROOF 耐电压	4.3*U <sub>R</sub> Unit:VDC (1 minute at 20 °C)
INSULATION RESISTANCE 绝缘电阻	C ≤ 0.33μF; IR ≥ 15000MΩ C > 0.33μF; IR*C ≥ 5000S(1minute at 20 °C and RH ≤ 65%)
ENDURANCE 耐久性	1000 hours with 344VAC at 85 °C ,During this period,880vac 60hz for0.1sec be applied once each hour..After the test: 85 °C 条件下, 344VAC 电压 1000 小时, 每小时加 0.1 秒的 880VAC 的 50/60HZ 的电压, 试验完成后: △ C/C ≤ 10%; △ DF ≤ 0.3% IR ≥ 50% of the specified value (标称值)。 (20 °C 1KHz)

★ OUTLINE DRAWING 外形图

★ PICTURE 实物图



★ DIMENSION 尺寸

UNIT 单位: mm

SYMBOL	CAPACITANCE		SYMBOL	CAPACITANCE	
	Cx (uF)	Cy (pF)		Cx (uF)	Cy (pF)
473472	0.047	4700	334102	0.33	1000
104102	0.1	1000	334222	0.33	2200
104222	0.1	2200	334332	0.33	3300
104332	0.1	3300	334472	0.33	4700
104472	0.1	4700	474102	0.47	1000
224102	0.22	1000	474222	0.47	2200
224222	0.22	2200	474332	0.47	3300
224332	0.22	3300	474472	0.47	4700
224472	0.22	4700			

(SPECIAL SIZE OR ITEMS ON REQUEST) 可依需求制作特殊规格