

Type: XY

X1 and Y2 Integrated Capacitors

X1 和 Y2 整合型電容器

Features 特性

- Self-healing characteristic.
- Provide interference suppression and withstand the impact of over-voltage.
- Active and passive flame retardant (UL94 V-0).
- Reduce installation costs, single packing design.
- 具自癒性。
- 雜音抑制，能承受過壓衝擊。
- 絕佳的阻燃防火功能 (UL94 V-0)。
- 一體成型設計，易安裝及節省成本。



Applications 用途

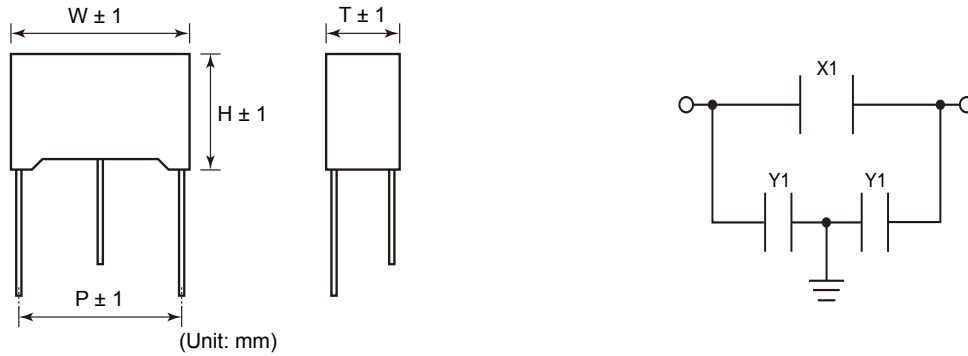
XY Capacitors are widely used by line bypass, antenna coupling, across-the-line, spark killer circuits, EMI filter, switching power supply application, mixer, blender, fan, coffee grinder, audio, TV, etc.

適用於電子產品之電源旁路、天線耦合、線路跨接、火花消除、電磁濾波、開關電源等各種電路中抑制開關瞬間產生的突波電壓，其他適用產品如攪拌器、果汁機、電風扇、咖啡研磨機、音響及電視等產品。

Specifications 規格

Rated Voltage 額定電壓	X (300VAC) Y x 2 (250VAC)
Capacitance Range 電容量範圍	X (0.0047 ~ 1 μ F) Y x 2 (0.001 ~ 0.1 μ F)
Capacitance Tolerance 容量誤差	$\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)
Temperature Range 溫度範圍	-40 ~ +100°C
Rated Working Frequency Range 電壓頻率	50 ~ 60Hz
Dissipation Factor (DF) 損耗因數	$\leq 0.1\%$ Max. Measured at 20°C, 1kHz, 1Vrms $\leq 0.3\%$ Max. Measured at 20°C, 10kHz, 1Vrms
Between X1 Terminals (T-T) X1 端子相互間耐電壓	1290VDC 60sec
Between Y2 Terminals (T-T) Y2 端子相互間耐電壓	1500VAC, 1sec
Between Terminals and Case (T-C) 端子 Case 間耐電壓	2200VAC, 60Hz 60sec
Insulation Resistance (IR) 絕緣阻抗	$C \leq 0.33\mu$ F, IR $\geq 30,000M\Omega$ $C > 0.33\mu$ F, IR $\geq 10,000M\Omega / \mu$ F

Dimensions 尺寸



Capacitance(μF) X (300VAC)	Capacitance Y x 2 (250VAC)	Dimensions (Unit: mm)			
		W±1	H±1	T±1	P±1
0.022	102~103	17	19	11	15
0.033	102~103	17	19	11	15
0.047	102~103	17	19	11	15
0.068	102~103	17	19	11	15
0.082	102~103	17	19	11	15
0.09	102~103	17	19	11	15
0.1	102~103	17	19	11	15
0.22	102~103	17	19	11	15
0.22	102~103	25	23.5	14	22.5
0.33	102~103	25	23.5	14	22.5
0.47	102~103	25	23.5	14	22.5
0.56	102~103	25	23.5	14	22.5
0.68	102~103	25	23.5	14	22.5
0.82	102~103	25	23.5	14	22.5
1.0	102~103	31.5	25	14	27.5