



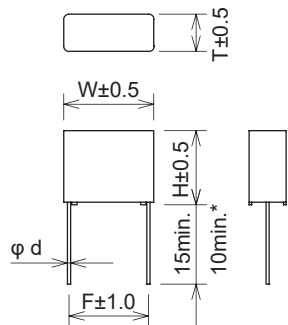
**Features**

- Wide variations of constant

**Applications**

- Suppressing mechanical switching surge occurring automatic machines and office appliances

**Dimensions**



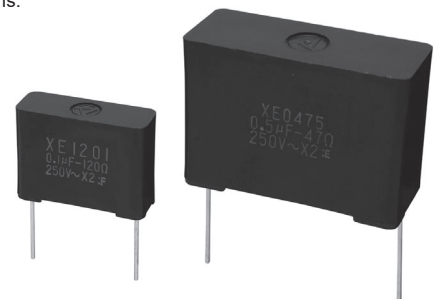
\*XE0103~XE01010

Unit: mm

**Model numbering system**

Series Name	Resistance	Capacitance
<b>X</b> <b>E</b> □ □ □ □ □ □ □ □ □ □		
<b>010</b>	10Ω	<b>01</b> 0.01μF
<b>047</b>	47Ω	<b>033</b> 0.033μF
<b>120</b>	120Ω	<b>1</b> 0.1μF
<b>220</b>	220Ω	<b>2</b> 0.2μF
<b>470</b>	470Ω	<b>3</b> 0.3μF
		<b>5</b> 0.5μF
		<b>10</b> 1.0μF

The combination of Resistance and Capacitance is shown in following chart.



• Circuit



**Electrical Specifications**

Rated Voltage **250Vac**

Safety Standard	Class	Model Number	Capacitance μF±20%	Resistance Ω±30%	Dimensions (mm)					Pulse condition (max.)				Peak Pulse Voltage	Test Voltage	Insulation Resistance
					W	H	T	F	d	Peak to peak	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency(Hz)			
	X2	XE01001	0.01	10 (1/4W)	17.0	14.0	7.0	15.0	0.6±0.05	800V	50 msec	120Hz	4.5	1,200V max.	Line to Line 1,250Vac 50/60Hz 60sec	Line to Line 15,000MΩ min. (500Vdc) except XE0105 0475, 01010 5,000MΩ min. (500Vdc)
		XE04701		47 (1/4W)									3.0			
		XE12001		120 (1/4W)									1.5			
		XE22001		220 (1/4W)									0.8			
		XE47001		470 (1/4W)									0.45			
		XE010033	0.033	10 (1/4W)	17.5	15.0	8.0	15.0	0.8±0.07				3.0			
		XE047033		47 (1/4W)									2.0			
		XE120033		120 (1/4W)									1.0			
		XE220033		220 (1/4W)									0.5			
		XE470033		470 (1/4W)									0.25			
		XE0101	0.1	10 (1/2W)	23.5	17.5	8.5	20.0	1.0±0.10				1.5			
		XE0471		47 (1/2W)									1.0			
		XE1201		120 (1/2W)									0.45			
		XE2201		220 (1/2W)									0.2			
		XE4701		470 (1/2W)									0.1			
		XE0102	0.2	10 (1/2W)	30.0	20.0	11.0	27.5	1.0±0.10				0.5			
		XE0472		47 (1/2W)									0.3			
		XE1202		120 (1/2W)									0.15			
		XE2202		220 (1/2W)									0.08			
		XE0103		0.3									10 (1W)			
XE0473	47 (1W)	0.1														
XE1203	120 (1W)	0.05														
XE2203	220 (1W)	0.02														
XE0105	0.5	10 (1W)	47.0		33.5	22.0	43.5	1.0±0.10	0.18							
XE0475		47 (1W)		0.05												
XE01010		1.0		0.15												

\*Peak to peak value of pulse condition (max.) is the maximum pulse voltage that is overlapped to line voltage and can apply between terminals of spark quencher.

Operating Temperature: -40~+100°C