



**Features**

- Wide variations of constant.

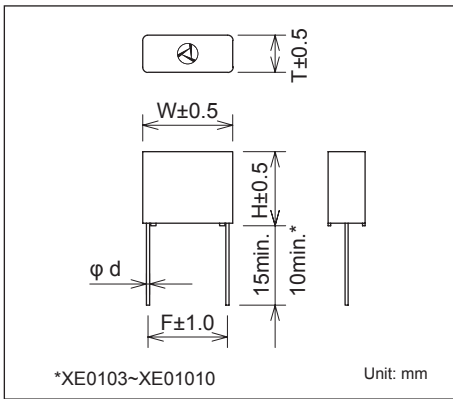
**Applications**

- Suppressing mechanical switching surge occurring Automatic machines and Office appliances.



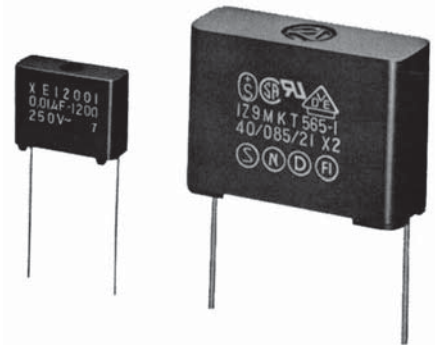
Safety Standard		File No.
UL	:UL1414	E47474
CSA	:C22.2 No.1	LR37404
VDE	:IEC/EN 60384-14: 2005	40021694
SEV	:IEC/EN 60384-14: 2005	07.0319
SEMKO	:IEC/EN 60384-14: 2005	700678
NEMKO	:IEC/EN 60384-14: 2005	P07207757
FIMKO	:IEC/EN 60384-14: 2005	FI 23306
DEMKO	:IEC/EN 60384-14: 2005	314240-01

**Dimensions**



**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



• Circuit



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

**Electrical Specifications**

Rated Voltage **250VAC**

Safety Standard	Class	Model Number	Capacitance μF±20%	Resistance Ω±30%	Dimensions					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	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)												
		XE12001		120 (1/4W)												
		XE22001		220 (1/4W)												
		XE47001		470 (1/4W)												
		XE010033	0.033	10 (1/4W)	17.5	15.0	8.0	0.8±0.07								
		XE047033		47 (1/4W)												
		XE120033		120 (1/4W)												
		XE220033		220 (1/4W)												
		XE470033		470 (1/4W)												
		XE0101	0.1	10 (1/2W)	23.5	17.5	8.5	20.0								
		XE0471		47 (1/2W)												
		XE1201		120 (1/2W)												
		XE2201		220 (1/2W)												
		XE4701		470 (1/2W)												
		XE0102	0.2	10 (1/2W)	30.0	20.0	11.0	27.5								
		XE0472		47 (1/2W)												
		XE1202		120 (1/2W)												
		XE2202		220 (1/2W)												
		XE0103		0.3					10 (1W)							40.0
XE0473	47 (1W)															
XE1203	120 (1W)															
XE2203	220 (1W)															
XE0105	0.5	10 (1W)	1.0±0.10													
XE0475		47 (1W)														
XE01010		1.0 (1W)														

Operating Temperature: -40~+100°C