



Features

- Wide variations of constant.

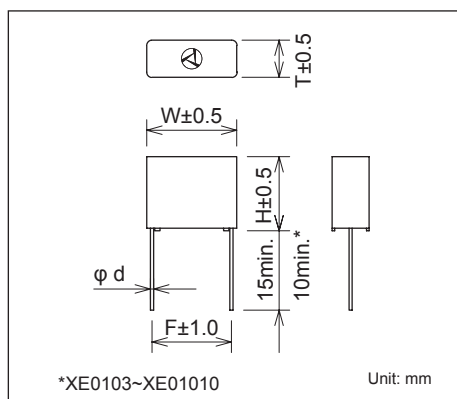
Applications

- 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

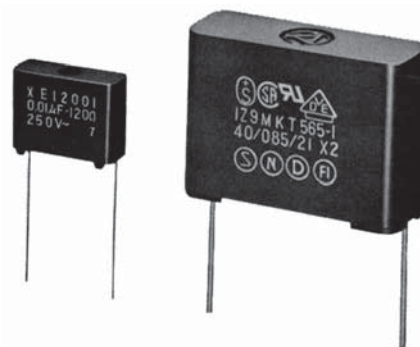
• Dimensions



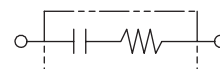
• Model numbering system

Series Name	Resistance	Capacitance
X E 		
010	10Ω	01 0.01μF
047	47Ω	033 0.033μF
120	120Ω	1 0.1μF
220	220Ω	2 0.2μF
470	470Ω	3 0.3μF
		5 0.5μF
		10 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					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)			
UL SF VDE S N D FI S	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	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	1.5				Line to Case 2,000VAC 50/60Hz 60sec		Line to Case 100,000MΩ min. (500VDC)	
		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	0.5							
		XE0472		47 (1/2W)					0.3							
		XE1202		120 (1/2W)					0.15							
		XE2202		220 (1/2W)					0.08							
		XE0103		10 (1W)					0.2							
		XE0473	0.3	47 (1W)	40.0	28.0	16.0	36.5	0.1							
		XE1203		120 (1W)					0.05							
		XE2203		220 (1W)					0.02							
		XE0105		10 (1W)					0.18							
		XE0475		47 (1W)					0.05							
		XE01010	1.0	10 (1W)	47.0	33.5	22.0	43.5							0.15	

Operating Temperature: -40~+100°C