



Features

- Best performance series in most popular configurations.
- Dielectric withstand voltage twice safety agency requirement.
- High dv/dt, surge resistance and I/R ratings.
- IEC/EN 60384-14: 2005 class X1.

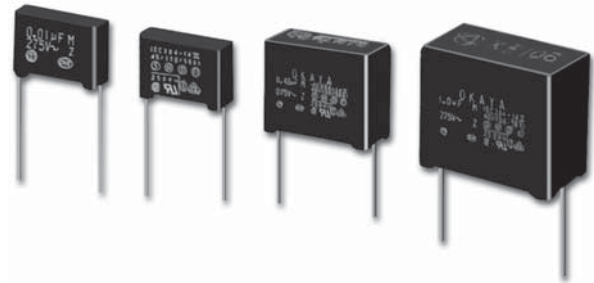
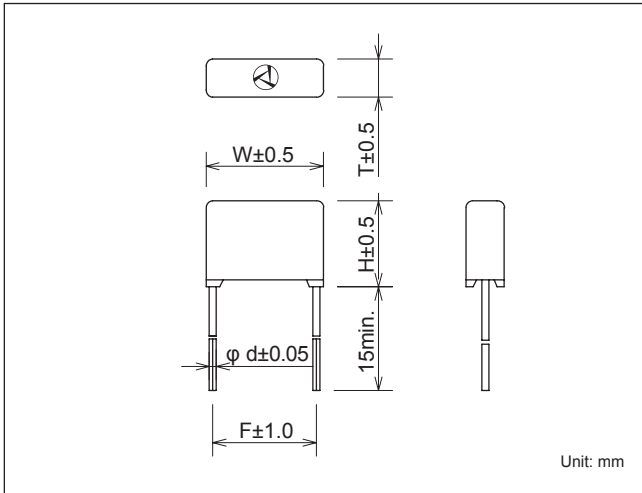
Applications

- Designed mainly for suppressing noise occurring in power line of electrical appliances.



Safety Standard		File No.
UL	:UL1414	E47474
CSA	:C22.2 No.1	LR37404, LR104926
VDE	:IEC/EN 60384-14: 2005	40021020
SEMKO	:IEC/EN 60384-14: 2005	1017364
NEMKO	:IEC/EN 60384-14: 2005	P0920616
DEMKO	:IEC/EN 60384-14: 2005	315395-01
FIMKO	:IEC/EN 60384-14: 2005	FI 23123
SEV	:IEC/EN 60384-14: 2005	09.0367
ÖVE	:IEC/EN 60384-14: 2005	20938-003-01
IMQ	:IEC/EN 60384-14: 2005	102~682 V4047
		102~105 V4048

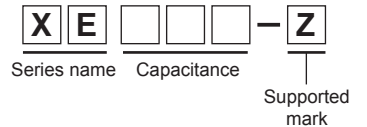
Dimensions



Circuit



Model numbering system



Electrical Specifications

Rated Voltage **275VAC (UL, CSA: 250VAC)**

Safety Standard	Class	Model Number	Capacitance $\mu\text{F}\pm 20\%$	Dimensions					Dissipation Factor	Test Voltage		Insulation Resistance	
				W	H	T	F	d		Line to Line	Line to Case	Line to Line	Line to Case
	X1 and Y2*	XE102-Z	0.001	17.0	12.5	5.5	15.0	0.8	0.01max. (at 1kHz)	Line to Line 2,000VAC 50/60Hz 60sec	Line to Case 2,000VAC 50/60Hz 60sec	Line to Line 15,000M Ω min. (at 500VDC)	Line to Case 100,000M Ω min. (at 500VDC)
		XE152-Z	0.0015										
		XE222-Z	0.0022										
		XE332-Z	0.0033										
		XE472-Z	0.0047										
		XE682-Z	0.0068										
	X1	XE103-Z	0.01	12.0	5.0	0.6							
		XE153-Z	0.015										
		XE223-Z	0.022										
		XE333-Z	0.033	12.5	5.5	0.8							
		XE473-Z	0.047	13.5	6.5								
		XE683-Z	0.068	15.0	8.0								
		XE104-Z	0.1	25.0	16.0	6.5	22.5						
		XE154-Z	0.15					17.5		8.0			
		XE224-Z	0.22					19.5		10.0			
		XE334-Z	0.33	30.0	22.0	11.0	27.5						
		XE474-Z	0.47					24.5		13.5			
		XE684-Z	0.68					30.5		28.0		16.5	
XE105-Z	1.0	36.0	30.5	20.0	32.5	1.0	Line to Line 5,000 Ω ·Fmin. (at 500VDC)						

Operating Temperature: -40~+100°C
*Rated voltage of Y2 is 250VAC.