



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.

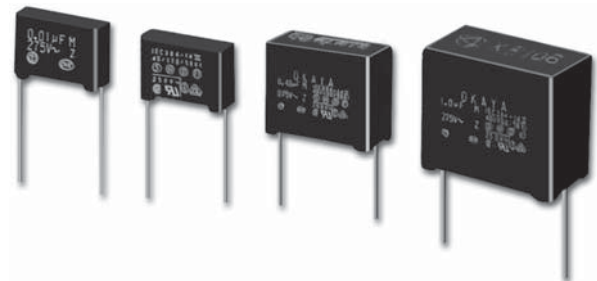
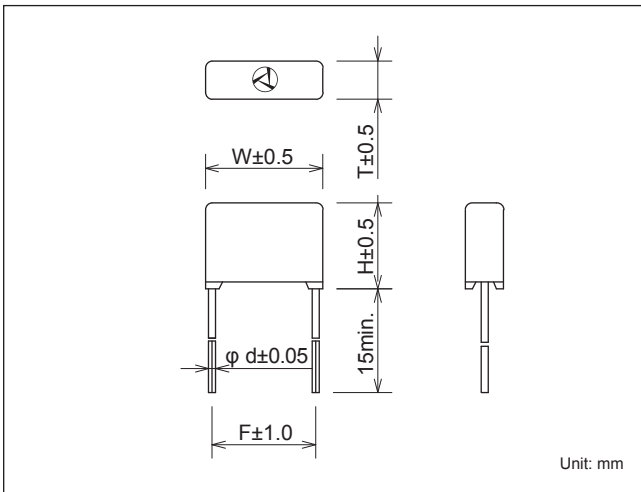
Applications

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

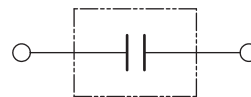


Safety Standard		File No.
UL	:UL60384-14	E47474
cUL	:CSA E60384-14	E47474
CSA	:CSA E60384-14	LR37404, LR104926
VDE	:IEC/EN 60384-14	40021020
SEMKO	:IEC/EN 60384-14	1021983
NEMKO	:IEC/EN 60384-14	P10213515
DEMKO	:IEC/EN 60384-14	315532-01
FIMKO	:IEC/EN 60384-14	FI 26476
Electrosuisse	:IEC/EN 60384-14	12.0477
ÖVE	:IEC/EN 60384-14	20938-003-03
IMQ	:IEC/EN 60384-14	102~682 V4048
		102~105 V4047

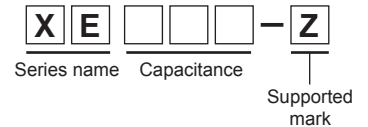
• *Dimensions*



• *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	0.01 max. (at 1kHz)	Line to Line 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	30.0	19.5	10.0							
		XE334-Z	0.33		22.0	11.0							
		XE474-Z	0.47	24.5	13.5	27.5							
		XE684-Z	0.68	30.5	28.0	16.5	1.0						
XE105-Z	1.0	36.0	30.5	20.0	32.5								

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