

Features

- Best performance series in most popular configurations.
- Dielectric withstand voltage twice safety agency requirement.
- High dv/dt, surge resistance and I/R ratings.
- IEC60384-14 II class X1.

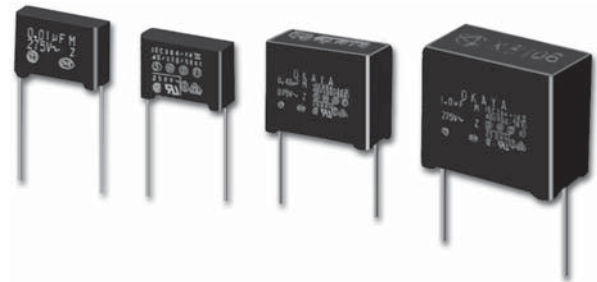
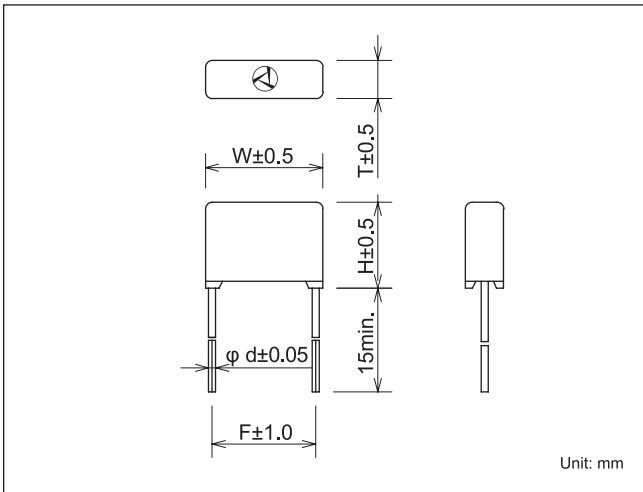
Applications

- Designed mainly for suppressing noise occurring in applications, such as DC motors for power tools and power supplies of electrical products.

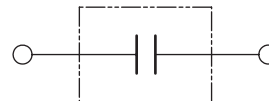


Safety Standard		File No.	
UL	:UL-1414	102~105	E47474
CSA	:C22.2 No.1	102~105	LR37404,LR104926
VDE	:IEC60384-14 II EN132400	102~682	138773, 139112
		102~105	138765, 94712
SEMKO	:IEC60384-14 II EN132400	102~105	0136062, 9538058
NEMKO	:IEC60384-14 II EN132400	102~105	P01101827, P05204386
DEMKO	:IEC60384-14 II EN132400	102~105	310931-01, 313378-01
FIMKO	:IEC60384-14 II EN132400	102~105	17355,186158-01
SEV	:IEC60384-14 II EN132400	102~682	01-IK-0325
		102~105	01-IK-0326, 05-BS-0116
ÖVE	:IEC60384-14 II EN132400	102~682	20938-002
		102~105	20938-001
IMQ	:IEC60384-14 II EN132400	102~682	4048
		102~105	4047

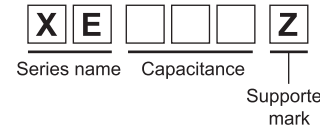
Dimensions



Circuit



• Model numbering system



Electrical Specifications

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

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 Ground	Line to Line	Line to Ground
	X1 and Y2*	XE102-Z	0.001	17.0	12.5	5.5	15.0	0.8	0.01max. (at 1,000Hz)	Line to Line 2,000VAC 50/60Hz 60sec	Line to Ground 2,000VAC 50/60Hz 60sec	Line to Line 15,000M Ω min. (at 500VDC)	Line to Ground 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	15.0	0.6						
		XE153-Z	0.015										
		XE223-Z	0.022										
		XE333-Z	0.033	12.5	5.5	22.5	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	27.5	1.0					
		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	1.0					
		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.