

Features

- VDE and SEV approvals.
- Designed mainly for power tool.
- Compact size.

Applications

- Designed mainly for suppressing noise occurring in applications, such as DC motors for power tools.

• XYES224332 series



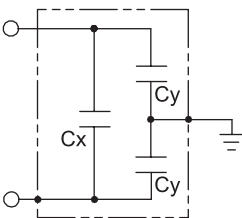
Safety Standard	File No.
VDE :IEC60384-14 II EN132400	101332

• XYES104502 series



Safety Standard	File No.
SEV :IEC60384-14 II EN132400	02.0694

Circuit



• Model numbering system

Series name	Capacitance (line to line)	Capacitance (line to ground)	Supported mark
XYES	104 0.1μF	502 5,000pF	
	224 0.22μF	332 3,300pF	



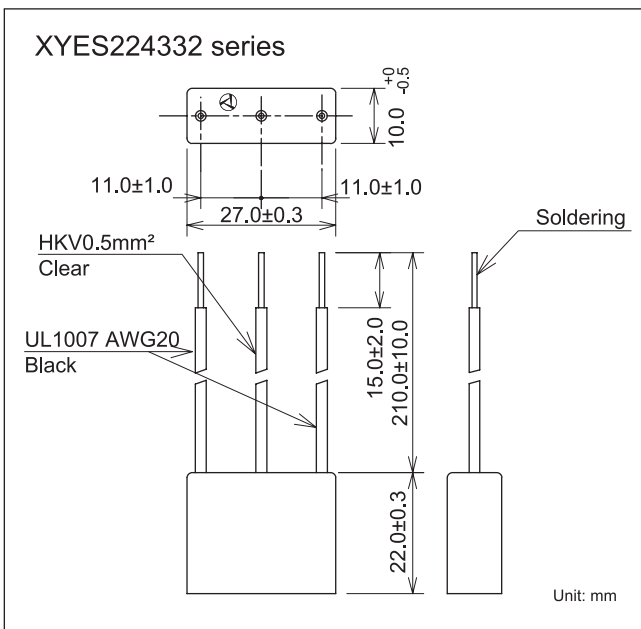
• XYES104502 series



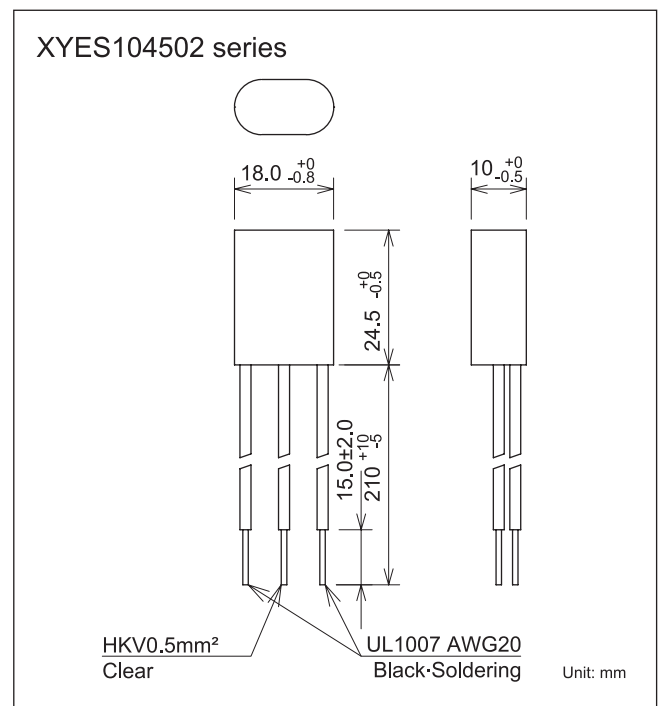
• XYES224332 series

Cx: Line to Line (X capacitor)
Cy: Line to Ground (Y capacitor)

Dimensions



Dimensions



Electrical Specifications

Rated Voltage **250VAC**

Safety Standard	Model Number	Capacitor	class	Capacitance	Dissipation Factor	Test Voltage 60sec.	Insulation Resistance
	XYES-224332-BM	Line to Line	X2	0.22μF±10%	0.02 max.(at 1,000Hz)	1,250VAC	15,000MΩmin.(at 500VDC)
		Line to Ground	Y3	3,300pF±20%	0.025 max.(at 1,000Hz)	1,500VAC	10,000MΩmin.(at 500VDC)
	XYES-104502-CM	Line to Line	X3	0.1μF±20%	0.01 max.(at 1,000Hz)	1,075VDC	15,000MΩmin.(at 500VDC)
		Line to Ground	Y3	5,000pF±20%		1,500VAC	

Operating Temperature: -40~+85°C