

**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



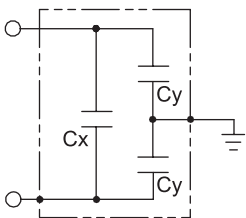
Safety Standard	File No.
VDE :IEC60384-14 II EN132400	101332

• XYES104502 series



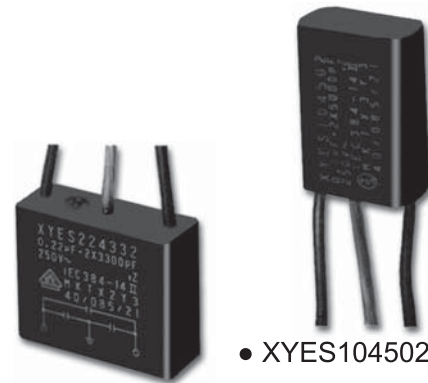
Safety Standard	File No.
SEV :IEC60384-14 II EN132400	02.0694

**Circuit**



• Model numbering system

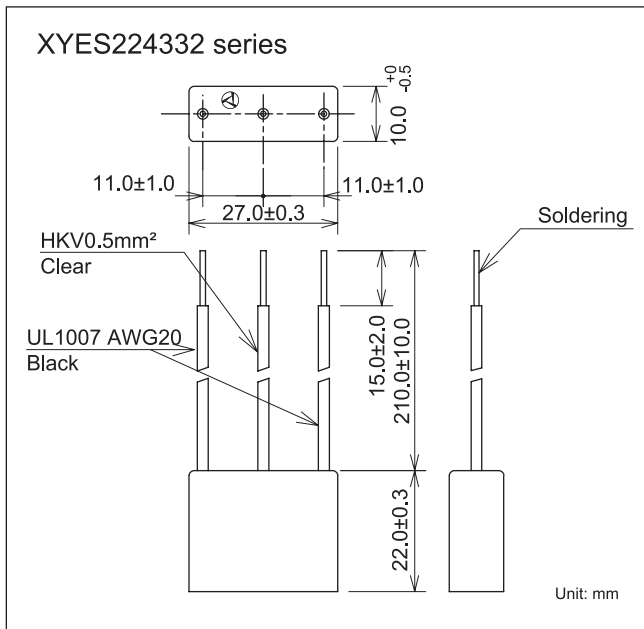
Series name	Capacitance (line to line)	Capacitance (line to ground)	Supported mark
<b>XYES</b>	<b>104</b> 0.1μF	<b>502</b> 5,000pF	
	<b>224</b> 0.22μF	<b>332</b> 3,300pF	



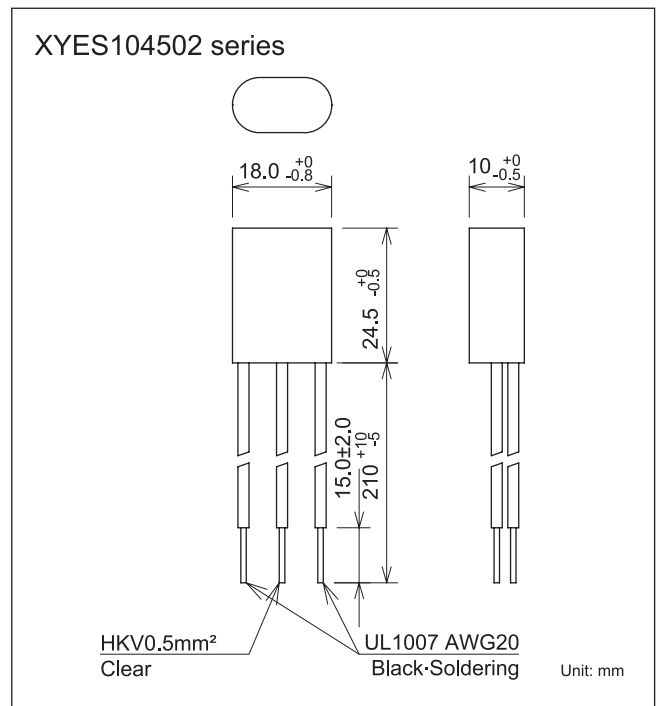
• XYES104502 series  
• XYES224332 series

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
D'E	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)
+S	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