



**Features**

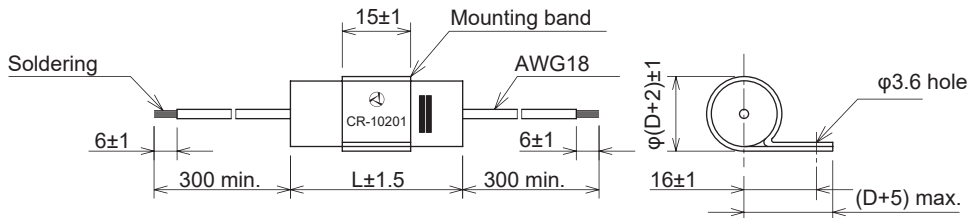
- Rated voltage is 250Vac, general purpose type
- Tubular shape and easy mounting

**Applications**

- For contact protection (quenching the contact spark) / absorption of back electromotive surge voltage of consumer electronics equipment, OA equipment, automation machine or machine tools etc.



**Dimensions**



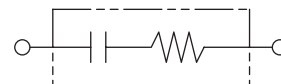
Unit: mm

**Model numbering system**

Series Name	Capacitance	Resistance
<b>C</b> <b>R</b> <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span> <span style="border: 1px solid black; padding: 2px;"> </span>		
<b>10</b>	0.1μF	<b>201</b> 200Ω
<b>20</b>	0.2μF	<b>151</b> 150Ω
<b>30</b>	0.3μF	<b>500</b> 50Ω
<b>50</b>	0.5μF	

The combination of Resistance and Capacitance is shown in following chart.

**Circuit**



**Electrical Specifications**

Rated Voltage **250Vac**

Model Number	Capacitance μF±20%	Resistance Ω±30%	Dimensions (mm)		Pulse condition (max.)				Peak Pulse Voltage	Test Voltage	Insulation Resistance
			D	L	Peak to peak	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency(Hz)			
CR-10201	0.1	200 (1/4W)	14.5	38	700V max.	50msec max.	360Hz max.	0.45max.	800V	Line to Line 625Vac 50/60Hz 60sec Line to Case 2,000Vac 50/60Hz 60sec	Line to Line 10,000MΩmin Line to Case 10,000MΩmin (at 500Vdc)
CR-20151	0.2	150 (1/4W)		42				0.15max.			
CR-30151	0.3	150 (1/2W)	18.5	48				0.07max.			
CR-50500	0.5	50 (1/2W)									

\*Peak to peak value of pulse condition (max.) is the maximum pulse voltage that is overlapped to line voltage and can apply between terminals of spark quencher.

Operating Temperature: -40~+85°C