

RC SUPPRESSOR



Sudden interruption of current in an inductive circuit normally produces a high voltage surge. Damage to contacts occurs due to arcing. In Thyristor or Triac circuits incorrect functioning may result due to high dV/dt.

The LCR RC network will suppress arcing and also reduce dV/dt.

The RC network also suppresses radio interference over a wide frequency range.



Length: 22mm
Height: 19mm
Thickness: 8mm
Lead Spacing: 22.5mm
Terminations: 0.8mm tinned
copper wire
min. length 30mm
res wire 25mm

Characteristics

Capacitance	0.01-0.1 $\pm 10\%$
Resistance	47-470 ohms $\pm 10\%$
Voltage Rating	250 VAC
Power Rating	$\frac{1}{2}$ watt
Temperature Range	-55°C to +100°C
Climatic Category	55/100/56
Insulation Resistance	> 30,000 M Ω

Other values of capacitance and resistance are available.