



GD ELECTRONICS S.R.L.

Strada Paullese Ss 415, Km 1,95 - 20097 San Donato Milanese (MI) -
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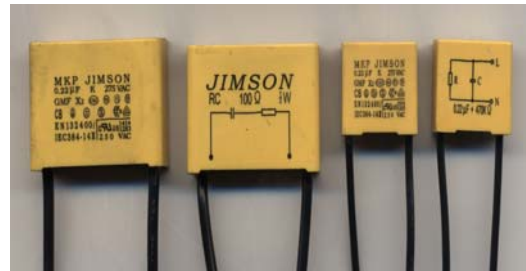
e-mail: contact@jimson.it web : www.jimson.it www.gdelectronics.it

MRC Snubber Capacitor Resistor-Capacitor

* **MRC** unit (snubber capacitor) have the capacity to store surge voltages and current energy, and afford protection against inductively induced potentials. The dielectric material of the MRC unit (used in snubber capacitor) affords a very high degree of voltage with stand strength. To provide additional protection for equipment and users, especially when these components are used in AC applications. All MRC unit are encased in a flame resistant plastic case and sealed with epoxy resin which meet UL-94 Flame Class V-0.

FEATURE

- * Small case size with superior performance.
- * Suitable for PCB mounting
- * Ideal for AC or DC application.
- * Large product selection range with 1/4, 1/2, 1 and 2 watt resistors, 0.001uF to 1.0uF capacitance
- * Providing flexible wire, tubular and box type on request



APPLICATION

- * Protection for contacts and from noise during switching operations of equipment such as radio, TV, looper, mixers, coffee grinders, dryer, tool machine equipment, etc.
- * Protection of electronic instruments during operation of relays, solenoids, motors, etc.
- * Electrical noise protection of semiconductor devices during control of triacs, thyristors, motors, welders, illumination equipment, etc.

SPECIFICATIONS :

RoHS Compliant



Capacitor	Metallized Polypropylene film, non-inductive with the self-healing property
Resistor	Non - inductive, high pulse resistor
Leads	Tinned wire or polyvinylchloride (PVC) insulation stranded copper wire
Coating	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0
Category	X2 Class - Climatic Catalogue 40/100/21 (GMF)
Capacitance versus rated voltage (Ur)	(SERIES) 0.01 μ F --- 1.0 μ F 300 Vac (PARALLEL) 0.01 μ F --- 0.68 μ F 300 Vac
Capacitance Tolerance	M = \pm 20% K = \pm 10% J = \pm 5%
Resistance and Power	(SERIES) 10 - 470 Ω : 1/4, 1/2, 1 or 2 Watt (PARALLEL) 1 - 2.2 M Ω : 1/4, 1/2, 1 Watt
Voltage Proof	4.3 * Ur (1 minute at 20°C)
Insulation Resistance	C \leq 0.33 μ F IR \geq 15,000 M Ω C > 0.33 μ F IR * C \geq 5,000 M Ω (1 minute at 20 °C and RH \leq 65%)



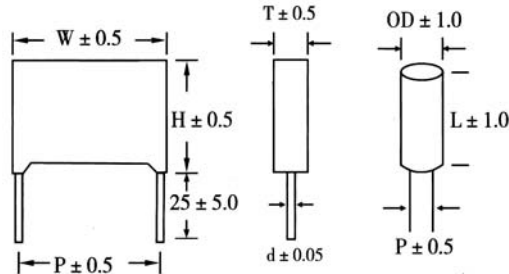
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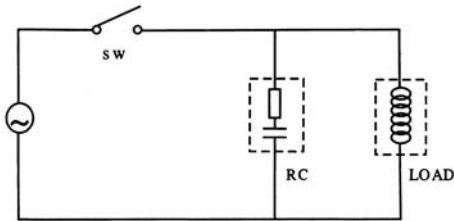
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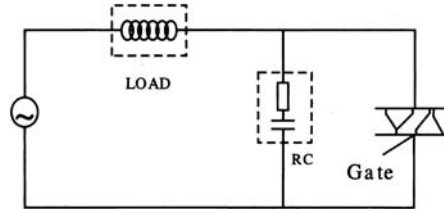
OUTLINE DRAWING :



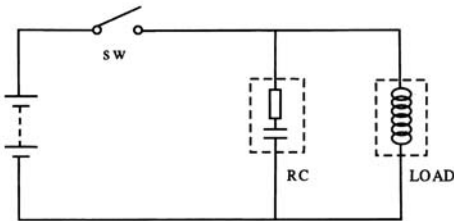
APPLICATION EXAMPLE :



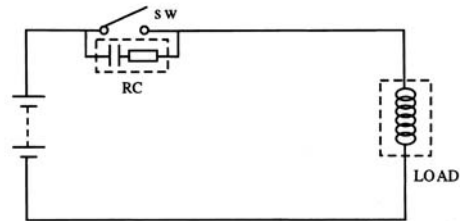
Normal application in AC circuits



In the circuits of SCR or TRIAC etc



In DC circuits



In DC circuits

CERTIFICATION :

RC — (SERIES)

	CHINA GB/T14472-1998	CQC03001002848
	EN132400 IEC60384-14	SE/0364-1
	USA UL 1283	E221606

RC — (PARALLEL)

	EUROPEAN COMMON MARKET IEC 60384-14	40010596
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SPECIAL SIZE OR ITEMS ON REQUEST