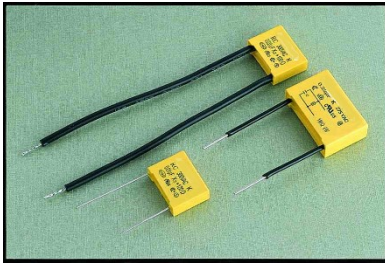


## SNUBBER CAPACITOR (RC SERIES, RC PARALLEL) TYPE MRC

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### FEATURES:

- ★ Small size with superior performance
- ★ Suitable for PCB mounting
- ★ Ideal for AC or DC application
- ★ Large product selection range with 1/4, 1/2 and 1 watt resistors, 0.001uF to 1.0uF capacitance



### APPLICATIONS:

- ★ Protection for contacts from noise during switching operation of equipment
- ★ Protection of electronic instruments during operation of relays, solenoids, motors and so on
- ★ Electrical noise protection of semiconductor equipment during the control of triacs, transistor, motors, welders, etc.

### SPECIFICATIONS:

※DIELECTRIC: Metallized Polypropylene/Polyester film

※RESISTOR: Non-inductive, high pulse resistor

※COATING: Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0

※LEADS: Tinned wire or polyvinyl chloride(PVC)insulation stranded copper wire

※CATEGORY: X2 class

※REFERENCE STANDARD : IEC 384-14 GB/T14472-98;EN132400;UL1283

※CLIMATIC CATALOGUE: 40/100/21

※CAPACITANCE VERSUS RATED VOLTAGE (UR):

SERIES 0.01UF-1.0UF 300VAC

PARALLEL 0.01UF-0.68UF 300VAC

※RESISTANCE AND POWER: SERIES 10-470Ω, 1/4, 1/2, 1.0 or 2.0 Watt

PARALLEL 1.0-2.2MΩ, 1/4, 1/2, 1 Watt

※CAPACITANCE

TOLERANCE: M=±20% K=±10% J=±5%

※DISSIPATION FACTOR

(TANGENT OF LOSS): ≤0.1%(PP) ≤1.0%(PE) (at 20°C, 1KHz)

※VOLTAGE PROOF: 4.3×Ur (1 minute at 20°C)

※INSULATION RESISTANCE: C≤0.33uF IR≥15,000MΩ;

C>0.33uF IR×C≥5,000S(series only) (1 minute at 20°C and RH≤65%)

※ENDURANCE: The test voltage 125% shall be applied for 1000 hours in the 85°C chamber. Each of these voltage shall be applied to each capacitor individually through a resistor of 47Ω±5%, during this period, 1000VAC 60Hz for 0.1sec be applied once each hour. After the test:

ΔC/C≤10%; IR≥50% of the specified value

ΔDF≤0.8%(C≤1UF);

ΔDF≤0.5%(C>1UF); (at 20°C 1KHz)