

CADDOCK

ELECTRONICS, INCORPORATED

• High Performance Film Resistors, Resistor Networks and Custom Resistive Devices •

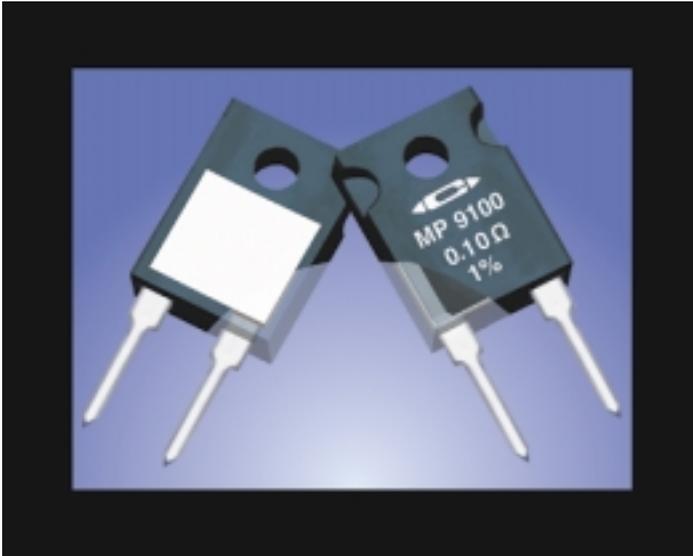
New TO-247 Style Power Resistor Rated at 100 Watts **Non-Inductive Performance, Values from 0.050 Ohm to 100 Ohm $\pm 1\%$**

Low Cost Design features an exposed Heat Dissipating Ceramic Mounting Surface
for High Thermal Conductivity Connection to Heat Sinks

Caddock Electronics is pleased to announce the model **MP9100**, a TO-247 style, heat sink mountable, power resistor. Designers will use their thermal design experience with power semiconductors in the TO-247 power package to get the most out of this unique power resistor. The power dissipation of this resistor is based on the case temperature which is maintained. The outstanding non-inductive performance of this TO-247 style power resistor makes it suitable for power switching circuits, snubber circuits, RF terminations, and other high power applications. Resistance values as low as 0.050 Ohm are ideal for current sensing in motor control and power supply applications. Standard resistance values are available from 0.050 Ohm $\pm 1\%$ to 100 Ohm $\pm 1\%$, for information about higher values and Pricing contact Caddock Applications Engineering.

Caddock Model MP9100: TO-247 Style, Non-Inductive, Power Film Resistor

- Values from 0.050 Ohm $\pm 1\%$ to 100 Ohm $\pm 1\%$. For higher values please contact Applications Engineering
- 100 Watts at 25°C Case Temperature, Thermal Resistance Film to Case, $R_{\theta jc} = 1.5^{\circ}\text{C/Watt}$
- Exposed Ceramic Heat Dissipating Mounting Surface
- Resistor Element Isolated from the Mounting Surface, Isolation: 1500 Volts ACrms
- Non-Inductive design



Reader (Inquiry) Contact for additional information:

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