

CADDOCK

ELECTRONICS, INCORPORATED

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

Introducing Caddock Model MPM20 Power Film Resistors TO-220 Style Power Package with a Rugged Metal Mounting Tab “Pure Tin Free” Design for Military Applications

- **Non-Inductive Design**
- **Resistance**: 0.020 Ohms to 10K
- **Power Rating**: 20 Watts at +25°C Case Temp.
- **Tolerance**: 1% Standard (0.5% available)

Caddock Electronics is pleased to announce the MPM20 Metal Tab TO-220 Style Power Film Resistor with a standard lead finish of solderable thin Gold for applications that require “Pure Tin Free” Components. There are no Pure Tin finishes inside or outside of the molded package.

The MPM20 is based on the successful Caddock Models MP820 and MP821, TO-220 Style Power Film Resistors, which were introduced in 1987. The MPM20 uses the same proven combination of Micronox® resistance film, established design elements, and established molding material as is used in the MP820 and MP821.

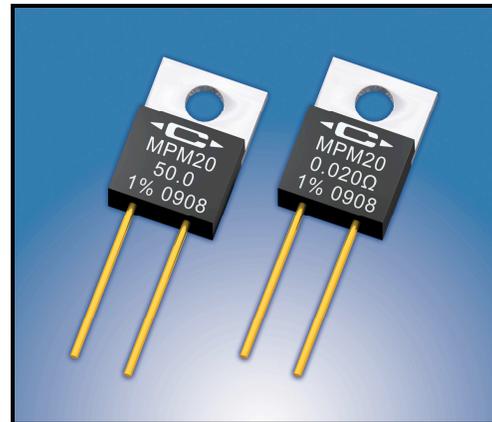
The non-inductive design of the MPM20 is ideal for high speed switching circuits, snubbers, and RF applications. The compact TO-220 Style package, which weighs less than 2.5 grams, can replace larger and heavier wirewound power resistors in applications where space and weight are critical.

The MPM20 can be provided to Customer Specifications that define specific program requirements such as:

- Sn/Pb Solder Dipped Lead Finish
- Customer Part Number Marking
- Single Date Code Manufacturing Lot
- Quality Conformance Inspections and Screening

General Specifications for the MPM20:

- **Power Rating**: 20 Watts at +25°C Case Temp.
- **Voltage Rating**: 300 Volts
- **Resistance Range**: 0.020 Ohm to 10K
- **Tolerance**: Standard Tolerance of $\pm 1\%$.
Special Tolerance of 0.5% available on most resistance values.
- **Availability**: Available now with Lead Times of Stock to 8 weeks ARO



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