

CADDOCK

ELECTRONICS, INCORPORATED

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

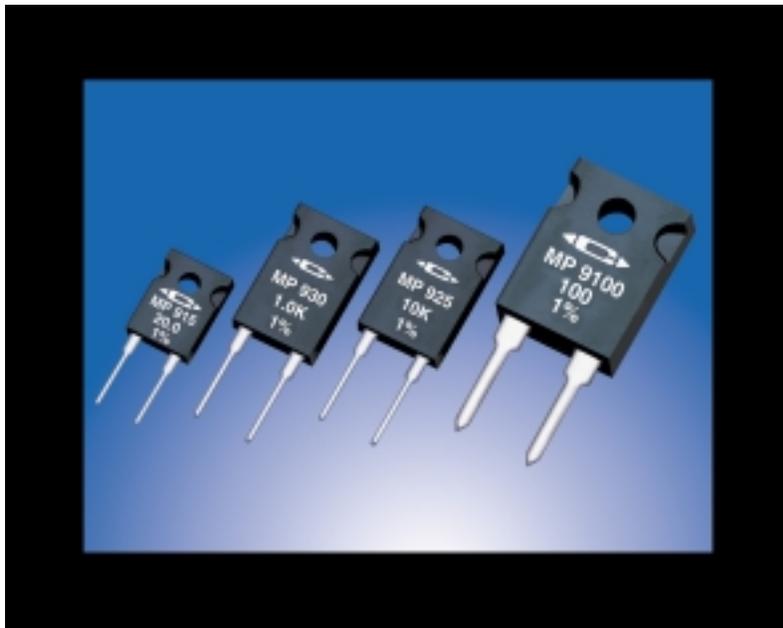
Compact TO Style Resistors are Low Cost, Efficient Heaters

Caddock's MP series of compact power resistors in the TO-247, TO-220, TO-126 packages provide quick and accurate heating where it is needed!

Caddock's MP series of heat sink mountable power resistors in the TO style packages make convenient, low cost heat sources. The compact TO style packages allow these resistors to be easily mounted to the object that needs to be heated, this direct contact allows for quick, accurate, and controllable heating. Resistance values are available from less than an ohm to 100K, with many standard values available from stock. The broad range of resistance values allows the designer to select the correct resistance value for the voltage available to generate the desired power. These resistors offer nominal power ratings (based on a 25°C mounting surface) of 15 watts in the TO-126 style package, 50 watts in the TO-220 style package, and 100 watts in the TO-247 style package. Maximum operating temperatures range from +150°C to +175°C.

Application Areas include:

- Remote Site Applications: Protecting electrical and mechanical components from temperature extremes
- Video Camera Surveillance: Defrosting and condensation prevention
- Laboratory and Analytic Instruments: Heating of samples for analysis
- Crystal Heaters: Temperature stabilized performance in oscillators
- Circuit Boards and Heat Sinks: Thermal design and evaluation
- Thermal Fuses: Triggering of thermal fuses in response to overloads
- Component Testing: Semiconductors, other temperature sensitive components



Reader (Inquiry) Contact for additional information:

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