

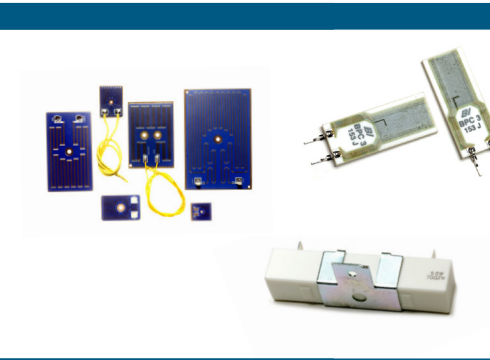


## Current Sense Resistors

TT Electronics has an extensive portfolio of current sense resistors with values extending below 1mΩ and rated at currents over 100A. With one of the largest current sense resistor portfolios in the industry, TT Electronics is well placed to help you select the right part for your design.

## Applications

- Battery charger
- Hot swap controller
- High power/small size applications
- DC-DC converters

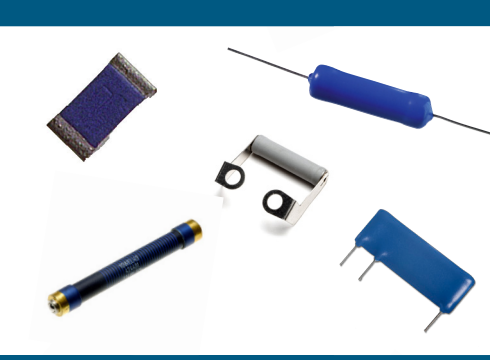


## High Power Resistors

Our high power resistors have ratings into the kW range, and are usually through hole or heatsink mounted. TT Electronics introduced thick film on steel technology for resistive heaters and power resistors, and continues to lead with high reliability designs for the industrial and aerospace sectors.

## Applications

- Inrush limiting
- Pulse circuits
- Dynamic braking
- Motor control circuits
- Heaters

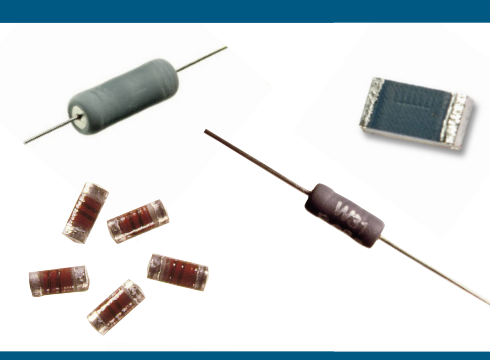


## High Voltage Resistors

TT Electronics has extensive expertise on high voltage resistors and we offer a wide range of products capable of up to 100kV. Our reliable and compact high voltage resistors are essential for a range of applications from defibrillators to electrostatic paint spray equipment.

## Applications

- Voltage dropper
- X-ray power supplies
- HV power supplies
- Bleed resistors

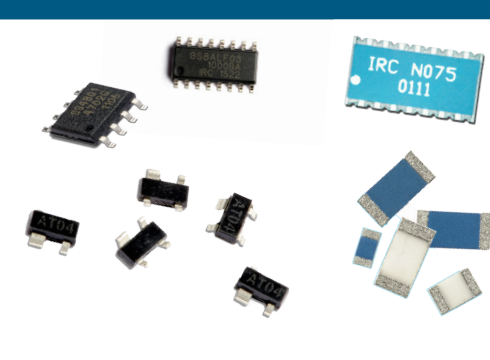


## Pulse/Surge Resistors

TT Electronics offers a comprehensive range of wirewound resistors with the industry's highest surge energy ratings from 2W to 10W sizes. Our WHS2 resistor, rated at 2W, is the smallest resistor of its type on the market and provides surge energy ratings of 0.9 to 5.8J.

## Applications

- Line protection
- Circuit protection in industrial, medical, and automotive industries
- Defibrillators



## High Precision Resistors

Our high precision resistors provide excellent stability over both time and temperature. We offer MIL QPL parts with tolerances of 0.01% and 1ppm/°C TCR tracking. We also have expertise in Tantalum Nitride film resistors, which have superior long-term performance in harsh environments.

## Applications

- Burden resistors
- Input dividers
- Weighing Balances
- Flight computers
- Signal conditioning