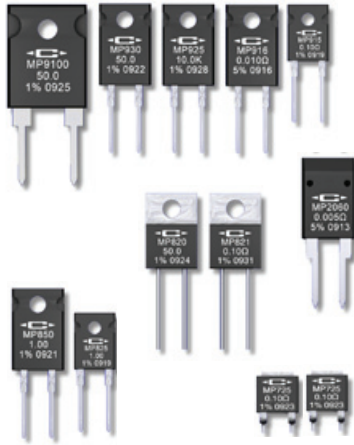


### Power Resistors. Heat Sink Mountable with Non-Inductive Designs



#### MP915, MP916, MP925, MP930, and MP9100 TO-Style Power Film Resistors

Model MP915, 15 Watts, TO-126 All Molded Package, Resistance 0.020 ohm to 1.00 K  
 Model MP916, 16 Watts, TO-220 All Molded Package, Resistance 0.010 ohm to 0.019 ohm  
 Model MP925, 25 Watts, TO-220 All Molded Package, Resistance 5.00 K to 100 K  
 Model MP930, 30 Watts, TO-220 All Molded Package, Resistance 0.020 ohm to 4.99 K  
 Model MP9100, 100 Watts, TO-247 All Molded Package, Resistance 0.050 ohm to 100 ohms

#### MP2060 Power Film Resistor, Clip Mount, in the TO-220 Style Power Package

60 Watts, up to 60 Amps maximum, TO-220 All Molded Package, Resistance 0.005 ohm to 1.00 K

#### MP820 and MP821 Power Film Resistors in the TO-220 Style Power Package

20 Watt Power Resistor, Power Package with Metal Mounting Tab  
 Resistance 0.020 ohm to 10.0 K

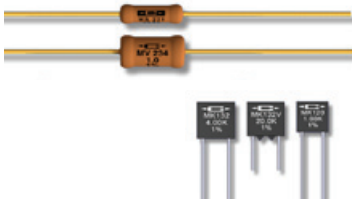
#### MP825 and MP850 Power Film Resistors, TO-126 and TO-220 Style Power Package

Model MP825, 25 Watts, Integral Copper Heat Sink, Resistance 0.020 ohm to 10.0 K  
 Model MP850, 50 Watts, Integral Copper Heat Sink, Resistance 0.200 ohm to 10.0 K

#### MP725 Surface Mount Power Film Resistor in a D-Pak Style Power Package

25 Watt Power Resistor, D-Pak Style Power Package for Surface Mount Applications  
 Resistance 0.020 ohm to 1.00 K

### Power Resistors, Axial Leads and Radial Leads with Non-Inductive Designs



#### Type MS Power Film Resistors

Power Rating to 22 Watts, Voltage Rating to 6000 Volts,  
 Max. Temperature +275°C, Non-Inductive Design, 18 Models

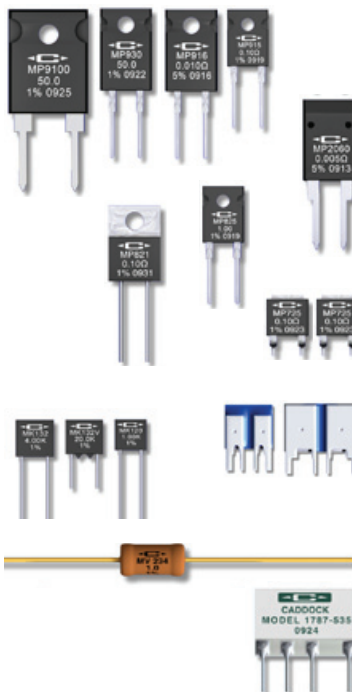
#### Type MV Low Resistance Power Film Resistors

Resistance from 0.1 ohm to 50 ohms, Power Rating to 10 Watts  
 Max. Temperature +275°C, Non-Inductive Design

#### MK132 and MK120 Precision Power Film Resistors with Non-Inductive Design

3/4 Watt at 400 Volts Max. and 1/2 Watt at 200 Volts Max. at +125°C,  
 Resistance 1 ohm to as high as 5 Megohms

### Current Sense, Low Resistance with Non-Inductive Designs



#### MP915, MP916, MP925, MP930 and MP9100 TO-Style Power Film Resistors

Model MP915, 15 Watts, TO-126 All Molded Package, Resistance down to 0.020 ohm  
 Model MP916, 16 Watts, TO-220 All Molded Package, Resistance down to 0.010 ohm  
 Model MP925, 25 Watts, TO-220 All Molded Package, Resistance down to 0.020 ohm  
 Model MP9100, 100 Watts, TO-247 All Molded Package, Resistance down to 0.050 ohm

#### MP2060 Clip Mount Power Film Resistor in the TO-220 Style Power Package

60 Watts, up to 60 Amps maximum, TO-220 All Molded Package, Resistance down to 0.005 ohm

#### MP825 Power Film Resistor, TO-126 Style Power Package

25 Watts, Integral Copper Heat Sink, Resistance as low as 0.020 ohm

#### MP821 Power Film Resistors in the TO-220 Style Power Package

20 Watt Power Resistor, Power Package with Metal Mounting Tab  
 Resistance as low as 0.020 ohm at 1% tolerance

#### MP725 Surface Mount Power Film Resistor in a D-Pak Style Power Package

25 Watt Power Resistor, D-Pak Style Power Package for Surface Mount Applications  
 Resistance as low as 0.020 ohm

#### Type SR Precision Current Sense Resistors

Compact Design with Kelvin Terminals, Absolute tolerance of 1%,  
 1 and 2 Watt Versions at +70°C, Resistance Values 0.005 ohm to 1.00 ohm

#### MK132 and MK120 Precision Power Film Resistors

3/4 and 1/2 Watt Ratings at +125°C, Resistance as low as 1 ohm

#### Type MV Low Resistance Power Film Resistors

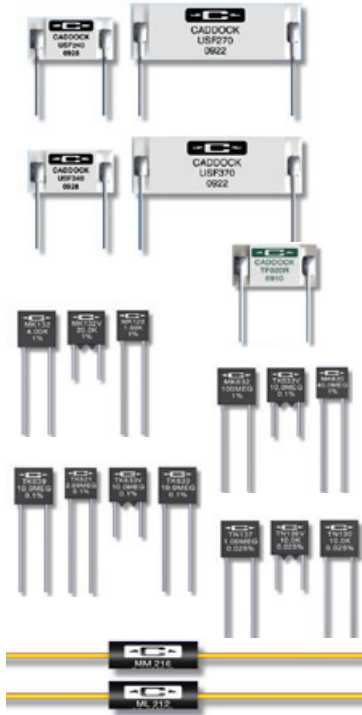
Resistance as low as 0.1 ohm, Power Rating to 10 Watts,  
 Max. Temperature +275°C

#### Type 1787 Precision Current Sense Resistor Networks

3 and 4-step Current Sense Resistor Networks for Current Sensing in  
 Multi-Range Instrumentation, Absolute Tolerance of 0.25% to 0.05%



### Precision and Ultra-Precision Discrete Resistors



#### Type USF 200 Series Ultra-Stable Low TC Ultra-Precision Film Resistors

Standard Resistance Values from 50  $\Omega$  to 10 Megohm  
 Max Absolute TC of 2ppm/ $^{\circ}$ C, -40 $^{\circ}$ C to +85 $^{\circ}$ C referenced to +25 $^{\circ}$ C  
 Tolerance 0.01% or 0.1%  
 Voltage Ratings from 300 Volts to 2500 Volts

#### Type USF 300 Series Ultra-Stable Low TC Ultra-Precision Film Resistors

Standard Resistance Values from 50  $\Omega$  to 20 Megohm  
 Max Absolute TC of 5ppm/ $^{\circ}$ C -40 $^{\circ}$ C to +85 $^{\circ}$ C referenced to +25 $^{\circ}$ C  
 Tolerance 0.01% or 0.1%  
 Voltage Ratings from 300 Volts to 2500 Volts

#### Type TF Low TC Ultra-Precision Film Resistors

Tolerance to 0.01% Resistance Range from 1 Kohm to 125 Megohms,  
 Temperature Coefficient 5, 10 or 15 ppm/ $^{\circ}$ C from -15 $^{\circ}$ C to +105 $^{\circ}$ C

#### Type TK Military Temp Range, Precision Low TC, Radial-Lead Film Resistors

Tolerance 0.1% to 0.05%, Resistance Range from 1 Kohm to 10 Megohms,  
 Temperature Coefficient of 5, 10 or 20 ppm/ $^{\circ}$ C from -55 $^{\circ}$ C to +125 $^{\circ}$ C

#### Type TN Lab Grade, Precision Low TC, Radial-Lead Film Resistors

Tolerance 0.1% to 0.025%, Resistance Range from 1 Kohm to 1 Megohm  
 Temperature Coefficient of 5, 10, or 20 ppm/ $^{\circ}$ C from 0 $^{\circ}$ C to +70 $^{\circ}$ C

#### MK132 and MK120 Precision Power Film Radial-Lead Resistors

Tolerance 1.0% to 0.1%, 3/4 and 1/2 Watt Ratings at +125 $^{\circ}$ C, 1 ohm to 5 Megohms

#### MK632 and MK620 Extended Resistance Range Radial-Lead Film Resistors

Tolerance 1.0% to 0.1%, Resistance Range from 2.1 Megohms to 100 Megohms

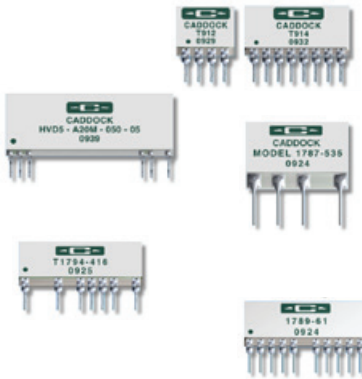
#### Type MM Precision Film Resistors

Tolerance 1.0% to 0.1%, High Temperature Resistors for Geophysical, Aerospace and Industrial Requirements

#### Type ML Precision Film Resistors

Tolerance 1.0% to 0.1%, Resistors for Aerospace and Industrial Requirements

### Precision and Ultra-Precision Resistor Networks and Custom Resistor Networks



#### Type T912 and T914 Precision and Ultra-Precision Networks with Low Ratio TC

Two Resistor and Four Resistor Networks with Precise Ratio Performance,  
 Ratio Tolerance from 0.1% to 0.01%, Ratio TC 10 ppm/ $^{\circ}$ C to 2 ppm/ $^{\circ}$ C

#### Type 1776 Precision Decade Resistor Voltage Dividers

39 Models of Input Voltage Dividers for Digital Multimeters and other  
 Range-Switching Circuits, Ratio Tol. 0.5% to 0.02%, Ratio TC 50 ppm/ $^{\circ}$ C to 5 ppm/ $^{\circ}$ C

#### Type 1787 Precision Current Sense Resistor Networks

3 and 4-step Current Sense Resistor Networks for Current Sensing in  
 Multi-Range Instrumentation, Absolute Tolerance of 0.25% to 0.05%

#### Type T1794 Custom Low Ratio TC, Precision SIP Resistor Networks

Ratio TC to 5 ppm/ $^{\circ}$ C, Ratio Tolerance to 0.01%,  
 Resistance Range from 500 ohms to 50 Megohms

#### Type 1789 Custom Low Resistance Value, Precision SIP Resistor Networks

Ratio TC to 15 ppm/ $^{\circ}$ C, Ratio Tolerance to 0.05%,  
 Resistance Range from 0.5 ohm to 10,000 ohms

### High Temperature Resistors, 275 $^{\circ}$ C, Non-Inductive Designs are available



#### Type MM Precision Film Resistors

High Temp. Resistors for Geophysical, Aerospace, and Industrial, Max. Temp. +275 $^{\circ}$ C

#### Type MS Power Film Resistors

Power Rating to 22 Watts, Max. Temperature +275 $^{\circ}$ C, Non-Inductive Design, 18 Models

#### Type MV Low Resistance Power Film Resistors

Resistance from 0.1 ohm to 50 ohms, Power Rating to 10 Watts,  
 Max. Temp. +275 $^{\circ}$ C



