

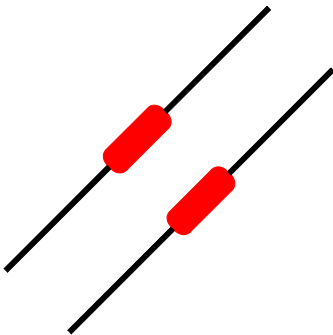


# CUSTOM RESISTOR SETS

## VOLTAGE DIVIDERS

PRECISION RESISTIVE PRODUCTS, INC.  
202 MACK LANE, MEDIAPOLIS, IA 52637  
(319)394-9131 FAX (319)394-9280  
E-Mail [info@prpinc.com](mailto:info@prpinc.com)  
PRP HOME PAGE <http://www.prpinc.com>

- Cost Effective
- Custom Designed
- Low Absolute TC
- High Stability
- Resistance Matching To  $\pm 0.005$
- TC Tracking  $\pm 1\text{PPM}/^\circ\text{C}$



### Customized Resistor Sets

Because of the high consistency and uniformity of the film deposition process and the high, repeatability accuracy of automated trimming equipment, discrete film resistors are available in matched pairs and multivalue sets with high precision and very dependable performance at reasonable cost. Resistance values, tolerance, temperature coefficients as well as the matching and/or tracking of these parameters can be specified and met to exceptionally high degrees. The optimum range for the tightest requirements are 100 ohms thru 100,000 ohms, but 10 ohms thru 1 megaohms is a practical range for less stringent requirements.

### General Specifications

Wattage: 1/20 watt thru 1 watt  
Temperature Coefficient:  $\pm 100\text{PPM}/^\circ\text{C}$  thru  $\pm 5\text{PPM}/^\circ\text{C}$   
Resistance Tolerance:  $\pm 1\%$  thru  $\pm 0.01\%$  @25°C  
Nominal Resistance: 10 ohms thru 1 megaohm  
Resistance Matching:  $\pm 1\%$  to  $\pm 0.005\%$   
Temperature Coefficient Tracking:  $\pm 50\text{PPM}/^\circ\text{C}$  to  $\pm 1\text{PPM}/^\circ\text{C}$

### Packaging

Matched sets are individually packaged in coin envelopes and identified by customer part number.

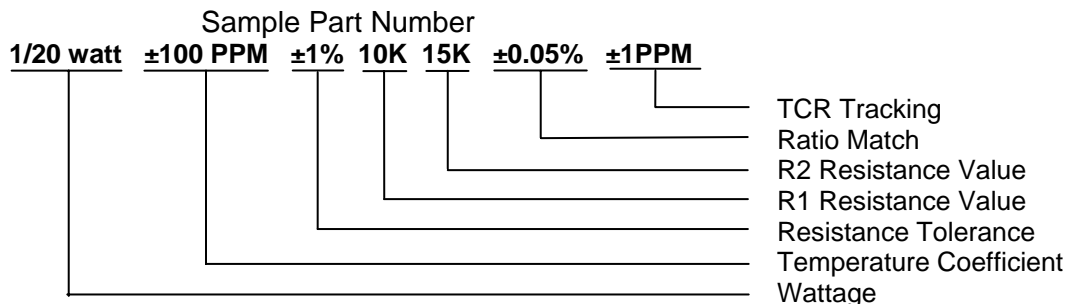
### Note:

Cost savings can be realized when relatively tight matching requirements are specified while permitting the absolute parameters of the discrete resistors to have more relaxed specifications. Application engineers are available to assist you in specifying your requirements in the most economical way possible.

### Lead Material

OFHC with 60/40 Tin/Lead Coating or OFHC with Tin Coating

### How to Order



Add "T" at the end of the Style portion of the part number for lead free termination.

