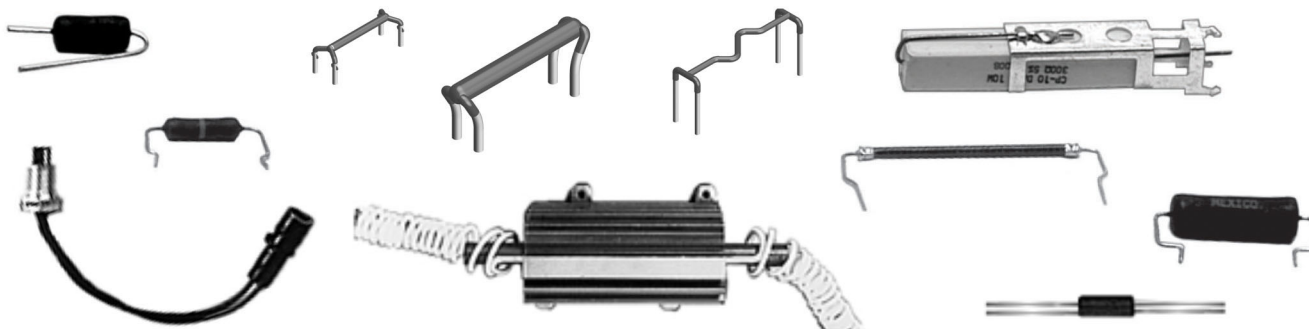




## Custom Capabilities Lead Formed, High Powered, Tab Terminations, Quick Connect Wirewound Resistors



### CAPABILITIES

- Lead formed products
- Chassis mounts, circuit board mounting
- Heaters
- High TCR
- Quick connect, solder tab terminals
- Fusible types
- Current sensing
- High pulse capabilities
- Lightning surge / power cross capabilities

### CONTACT INFORMATION

For design assistance, contact: [ww2aresistors@vishay.com](mailto:ww2aresistors@vishay.com)

### LEAD FORMED PRODUCTS

A variety of standard lead forms are available for use where auto-insertion is not available or practical. Forms vary from simple right angle lead bends, vertical hair pin bends, to lock in styles that lock into the circuit board. This provides for a positive stand-off while holding the part securely in place during further handling.

### HIGH POWERED RESISTORS TAB TYPE TERMINATIONS CHASSIS, HEATSINK MOUNT

High power, low cost, ceramic- or metal-cased resistors are available in a range of wattage ratings and termination styles. From 20 W to 65 W (even more with proper heatsinks), these resistors can be supplied with quick connects or solder tab terminals. Brackets are available for mounting directly to a chassis or heatsink, or for vertical mounting if limited board space is available.

### WIREWOUND OPTIONS

#### Construction

Heat sink, silicone coated, epoxy or silicone molded (single or multi-element), clip mounted or fireproof inorganic construction.

#### Leads

Radial and axial type, special materials and dimensions, spaded, threaded, insulated, quick connect, solder tab, printed circuit, ferrule.

#### Matching

By pairs or sets for TCR, tolerance or ratio.

#### Special Types

Extended low or high resistance range, low reactance, special wire alloys, very low or high TCR, high stability, special tolerances, tapped, watercooled, temperature sensitive, inductive.

#### Pre-Conditioning

Power aging, temperature cycling, temperature and power, short-time overload, thermal shock, X-ray, temperature aging.



## Shunts

Low value, 4-terminal resistors built to customer specifications or designed by our engineers to meet your current sensing requirements.

## Fuse Resistors

Our hybrid components designed to act as an ordinary resistor under normal circuit conditions, and as a fuse under fault conditions. Vishay Dale offers a variety of physical sizes and basic styles. Each application should be referred to Vishay Dale for an individual design to ensure optimum performance in any particular circuit. See our fuse resistor datasheet [www.vishay.com/doc?30232](http://www.vishay.com/doc?30232).

For prompt attention to your special resistor requirements, contact Vishay per the e-mail address at the bottom of the page.

The photo below illustrates only a few of the many special purpose wirewound resistors built by the Vishay Dale special products section of the wirewound division.

Full-time engineers assigned to this section draw on the industry's largest file of non-standard resistor design and production information. Often, in a matter of minutes, these engineers determine a fast, practical route to the production of your non-standard part.





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