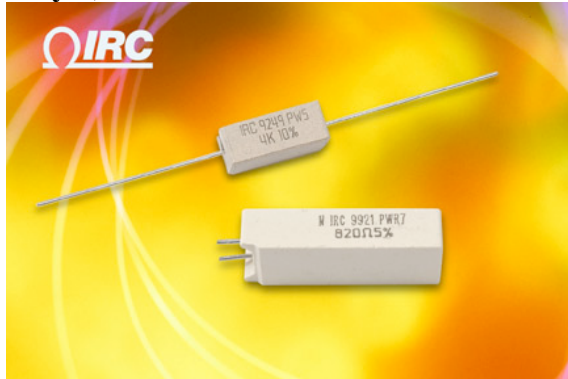


FOR IMMEDIATE RELEASE, BN720

May 2, 2006



*For more information, contact:
Keith Chipman, Product Manager
828-264-8861
keith.chipman@irctt.com*

*Beth Polizzotto, BtB Marketing
Communications
919-872-8172
bpolizzotto@btbmarketing.com*

High power resistors available in axial and radial lead configurations...

IRC'S POWER WIREWOUND RESISTORS RATED UP TO 60W FOR INDUSTRIAL, AUTOMOTIVE, APPLIANCE APPLICATIONS

BOONE, N.C. (May 2, 2006) — Providing design engineers with a high power flameproof resistive device capable of handling overload conditions, TT electronics IRC Wirewound and Film Technologies Division has developed a series of power wirewound resistors with high temperature ceramic shells, in power ratings up to 60W. Designated the PW and PWR Series, the resistors are available in both axial and radial lead configurations.

According to Keith Chipman, product manager at IRC's Wirewound and Film Technologies Division, the PW and PWR Series resistors are specifically designed for power applications and are excellent at handling overloads. "The resistors feature high-temperature ceramic shells with inorganic fill materials to create a flameproof construction," said Chipman. "Additionally, the PW Series can be ordered with TCRs as high as +5500ppm/°C, making them ideal to protect circuits from thermal runaway or circuits that require temperature compensation."

- more -

IRC RESISTORS RATED UP TO 60W FOR INDUSTRIAL, AUTOMOTIVE, APPLIANCE APPS, PG. 2

Applications for the PW and PWR Series devices include power electronics circuits as inrush, pulse, or protection resistors; voltage dividers, bleeders, current limiters, and load banks. They are specified in power supplies, motor controllers, white goods and automotive applications.

The PW Series resistors, with power ratings from 2W to 25W in axial lead configurations and 20W to 60W in radial terminal configurations, are available in resistance values ranging from 0.10Ω to $30K\Omega$ at standard tolerances of $\pm 10\%$ or $\pm 5\%$. TCRs range from $+300\text{ppm}/^\circ\text{C}$ to $+5500\text{ppm}/^\circ\text{C}$.

The PWR Series resistors are radial leaded (vertical) devices with power ratings from 3W to 10W, and resistance values ranging from 0.10Ω to $18K\Omega$, with standard tolerances of $\pm 10\%$ or $\pm 5\%$.

The PW/PWR Series resistors are constructed using alloy resistance wire wound on fiberglass substrates, packaged in high temperature ceramic shells with fireproof inorganic encapsulate material. PC board standoffs are optional on the PW Series devices.

IRC will also produce devices outside these specifications to meet customer requirements.

Typical pricing for the PW Series resistors ranges from \$0.15 to \$0.20 in quantities of 10,000. Pricing for the PWR Series is \$0.43 in quantities of 10,000. Lead time for both devices is from stock to 4 to 6 weeks.

- more -

IRC RESISTORS RATED UP TO 60W FOR INDUSTRIAL, AUTOMOTIVE, APPLIANCE APPS, PG. 3

For additional information on IRC's PW/PWR Series resistors or to discuss design options, contact the TT electronics IRC Wirewound and Film Technologies Division at 828-264-8861, via mail at 736 Greenway Road, Boone, N.C. 28607, e-mail at waftsales@irctt.com, or visit IRC on the web at www.irctt.com.

IRC Inc. is a leading international manufacturer of advanced film, metal glaze and wirewound resistive products with facilities in Corpus Christi, Texas, Boone, N.C., Smithfield, N.C., and Barbados. IRC is part of TT electronics plc, a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, telecommunications, computer and aerospace markets. TT electronics' Web site can be found at: www.ttelectronics.com.

– 30 –

To request the electronic image, call 919-872-8172, or e-mail: bpolizzotto@btbmarketing.com

Keywords: TT electronics, IRC, PW, PWR, resistor, high power, flameproof

URL: http://www.irctt.com/pdf_files/PW.pdf or http://www.irctt.com/pdf_files/PWR.pdf