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Commercial grade resistors feature ceramic core, welded construction, and conformal coating...

RUGGED POWER WIREWOUND RESISTORS FROM IRC WITHSTAND EXTREME TEMPERATURES, HARSH ENVIRONMENTS IN COMMERCIAL, INDUSTRIAL APPLICATIONS

LAS VEGAS, NV (May 14, 2007) — Providing design engineers with a rugged power wirewound device capable of handling temperatures as high as 275°C, TT electronics IRC Wire and Film Technologies Division offers a series of axial wirewound resistors with power ratings from 1/2W to 9W. Designated the CCW Series, the ceramic core resistors feature a welded construction, conformal coating making them suitable for a variety of high volume power electronic applications, including those in high temperature, harsh industrial environments.

“The wirewound resistors are constructed with a ceramic core, enabling them to operate in temperatures up to 275°C,” said David Winkler, product manager for IRC’s Wire and Film Technologies Division. “The high temperature rating, along with a withstanding voltage rating up to 1000V, makes these resistors ideal for commercial power supply and industrial applications.”

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IRC POWER WIREWOUND RESISTORS OFFER POWER RATING UP TO 9W, PG. 2

The CCW Series film resistors feature power ratings from 0.5W to 9W, with a resistance range from 0.1Ω to 1.5KΩ. Standard tolerances for the devices are to ±2%, ±5% and ±10% with TCRs as low as ±300ppm/°C at values of 20Ω or less. Operating temperature range is -55°C to +275°C.

Typical pricing for the CCW Series resistors is \$0.011 each in quantities of 50,000 pieces. Lead time is from stock to 6 weeks. For additional information on IRC's CCW Series wirewound resistors or to discuss design options, contact the TT electronics IRC Wire 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 <http://www.irctt.com/commercial>.

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.

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

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