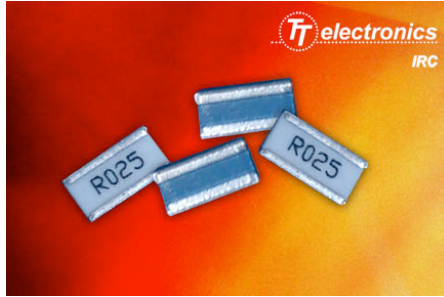


**FOR IMMEDIATE RELEASE, CO1291  
May 11, 2010**



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*Thick film materials maximize thermal transport, improve reliability...*

## **TT ELECTRONICS IRC DEVELOPS LOW RESISTANCE, HIGH STABILITY CHIP RESISTOR**

CORPUS CHRISTI, TX (May 11, 2010) — Providing design engineers with a high power, low resistance device for current sensing applications, TT electronics IRC has developed a highly stable low resistance chip resistor. Designated the LRF3W-MIL Series, the chip resistors utilize high reliability thick film materials and are available with screening to MIL-PRF-55342 or customer drawing. The chip resistor package includes an uninterrupted 2-pad termination on the long sides of the resistor, maximizing thermal transfer and improving reliability.

“The LRF3W-MIL resistors combine high power, excellent stability, and extremely low resistance values in a compact 1225 package,” said Gary Bleasdel, director of TT electronics IRC’s thick film business unit. “This chip resistor is an ideal solution for high current sensing applications in demanding applications such as the military and aerospace arenas.”

- more -

## **TT ELECTRONICS IRC DEVELOPS LOW RESISTANCE, HIGH STABILITY CHIP RESISTOR, PG. 2**

Resistance for the LRF3W-MIL Series chip resistors ranges from 0.003Ω to 1.0Ω, with a rated power of 3W at 70°C. Absolute TCRs are to ±100ppm/°C, ±250ppm/°C, and ±500ppm/°C, while available absolute tolerances are to ±1%, ±2%, ±5% and ±10%. Operating temperature ranges from -55°C to +150°C.

For datasheets or more information on IRC's LRF3W-MIL Series chip resistors, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=32>. For additional information, please contact TT electronics' North American sales office at 4222 S. Staples St., Corpus Christi, TX 78411; call 361-985-3166; or email [sales@ttelectronics-na.com](mailto:sales@ttelectronics-na.com).

IRC Inc. is a leading international manufacturer of advanced film, metal glaze and wirewound resistive products. 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.

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***To request the electronic image, call 919-872-8172, or e-mail: [beth.gaddy@btbmarketing.com](mailto:beth.gaddy@btbmarketing.com)***  
Keywords: TT electronics, IRC, LRF3W-MIL, chip resistor, low resistance, MIL-PRF-55342  
URL: <http://www.irctt.com/products.aspx?frmCategory=32>