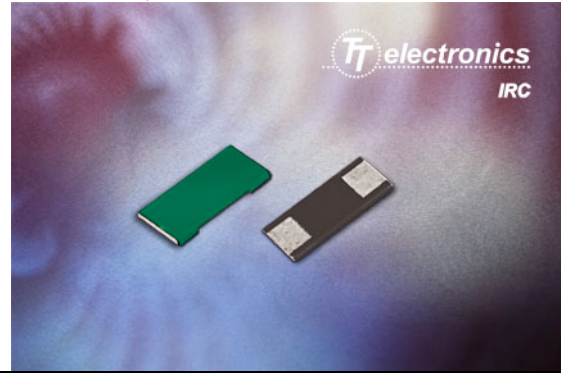


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Metal alloy resistors ideal for power electronics, automotive systems...

IRC'S LOW RESISTANCE CURRENT SENSE RESISTORS WITHSTAND LARGE SURGE CURRENTS

BOONE, NC (March 23, 2010) — Providing design engineers with robust resistive devices capable of withstanding large surge currents, TT electronics IRC offers two series of low resistance metal alloy current sense chip resistors. Designated the ULR and LRMA Series, the resistors feature a metal strip construction capable of withstanding high temperatures and large currents.

“The ULR and LRMA resistors are constructed with a low temperature coefficient resistive alloy that provides a large mass, or cross section, for carrying current when compared to film-based devices,” explained Bryan Yarborough, application engineer for TT electronics IRC. “This large mass provides a robust structure, enabling the resistors to withstand large surge currents resulting from fault or other transient conditions that may exist in detection and protection circuits.”

The ULR and LRMA Series resistors are ideal for use in current sense circuits in power electronics and automotive systems.

- more -

IRC'S CURRENT SENSE RESISTORS WITHSTAND LARGE SURGE CURRENTS, PG. 2

The RoHS compliant and halogen free ULR and LRMA Series resistors feature low TCRs (50, 75, and 100ppm/°C) and inductance values. Resistance ranges from 0.5mΩ to 100mΩ, with power ratings from 1W to 3W, depending on device. The ULR Series resistors are offered in 1206, 2010 and 2512 chip sizes, while the LRMA Series devices are available in 0815, 1206 and 2512 chip packages.

Typical pricing for the ULR and LRMA Series resistors ranges from \$0.12 to \$0.23 each depending on quantity. Lead time is 12 weeks.

For more information on IRC's ULR and LRMA low resistance current sense resistors, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=22>. 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.

IRC Inc., a division of TT electronics, 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. 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: beth.gaddy@btbmarketing.com

Keywords: TT electronics, IRC, ULR, LRMA, metal element, resistor, current sense, low resistance

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