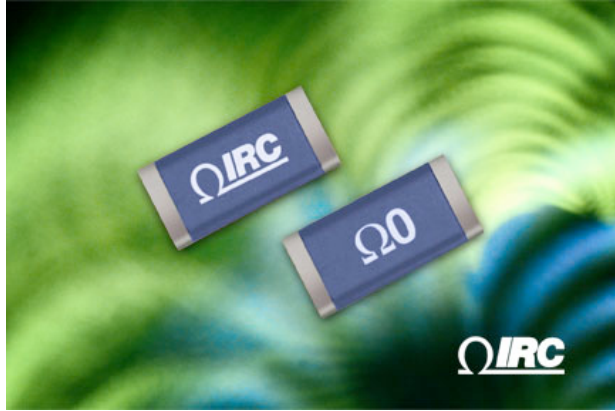


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LRZ Series' 35A current rating is five times higher than competition...

IRC'S CROSS-OVER JUMPER COMPONENTS COMBINE HIGH CURRENT RATINGS WITH ULTRA LOW RESISTANCE VALUES

CORPUS CHRISTI, TX (August 16, 2005) — Providing power supply manufacturers with a jumper component with an inductance value of less than 0.2nH, TT electronics IRC Advanced Film Division has developed a high current, low resistance cross-over jumper component. Designated the LRZ Series, the components come in three standard chip sizes of 1206, 2010 and 2512.

According to Steve Wade, Director of Sales and Marketing, the products in the LRZ Series have a very high current rating combined with very low resistance values. "For high current applications, the zero ohm jumpers in this series have five times the current rating of our competitors," he said. "This feature, along with a resistance value of less than 0.003 Ω , makes the component ideal for many applications, particularly in circuits for power supplies and power amps." Jumper components are often used in circuits involving power audio amplifiers and linear and switching power supplies.

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IRC'S JUMPER COMPONENT COMBINES HIGH CURRENT WITH LOW RESISTANCE, PG 2.

The LRZ Series components are constructed using a thick copper layer on an alumina substrate, with a protective overcoat covering the jumper element. The devices are available in RoHS compliant versions, or they can be ordered with 60/40 tin lead solder plating and a nickel barrier layer. The LRZ Series chips are compatible with automatic pick and place equipment.

The 1206, 2010 and 2512 packages have a maximum resistance value of 0.003 ohms and a dielectric withstanding voltage of 200V. Maximum current for each package ranges up to 20A, 30A and 35A, respectively.

Operating temperature for the devices is -65°C to +150°C. All jumpers in the LRZ Series have been tested for environmental performance, short time overload, high temperature exposure, moisture resistance and low temperature operation.

As with all IRC products, devices outside of these specifications can be produced to meet individual customer requirements.

Typical pricing for the LRZ Series cross-over jumper components starts at \$0.23 in minimum order quantity of 1,000 pieces. Lead time from stock is seven weeks.

For more information on IRC's LRZ Series products or to discuss design options, contact the TT electronics IRC Advanced Film Division Sales & Marketing Department at 361-992-7900; via mail at 4222 S. Staples St., Corpus Christi, TX 78411; e-mail at afdsales@irctt.com or visit the IRC Web site at www.irctt.com.

IRC'S JUMPER COMPONENT COMBINES HIGH CURRENT WITH LOW RESISTANCE, PG 3.

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.

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

Keywords: TT electronics, IRC, LRZ Series, Jumper Resistor

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