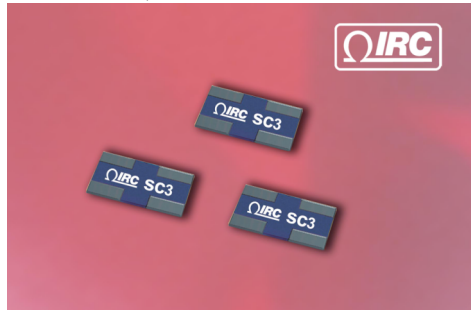


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Surface mount resistor thinner, smaller than comparable molded 3W wirewound devices...

IRC INCREASES RESISTANCE RANGE, VOLTAGE RATING OF HIGH POWER CHIP RESISTOR

CORPUS CHRISTI, TX (October 6, 2008) — Providing design engineers with a 3W-rated resistive component that requires minimal PC board space, TT electronics IRC has extended the resistance range and voltage rating of its highest power dissipation chip resistor. The SC-3 Series resistor, a 3-watt device in a 1-watt (1225) chip size, now features a resistance range from 1 Ω up to 100K Ω , and a maximum voltage rating increase from 50V to 100V.

“The terminations on the long sides of the resistor provide maximum heat transfer while also minimizing stress due to TCE mismatch between the device and the PC board,” said Gary Bleasdel, thick film business unit director for IRC. “As a result of the enhanced design, we were not only able to extend the specifications, but this 3W resistor is much smaller and thinner than comparable molded 3W wirewound resistors.”

- more -

IRC INCREASES RESISTANCE RANGE, VOLTAGE RATING OF HIGH POWER RESISTOR, PG. 2

Typical applications for the SC-3 Series resistor include inrush current limiting in power supplies, current setting resistors in constant voltage LED circuits, and anywhere extremely low profile resistors are needed.

The SC-3 Series 1225 resistors feature a resistance range of 1Ω to $100K\Omega$, with power dissipation of $3W @ 70^{\circ}C$. Absolute tolerances are to $\pm 1\%$ with TCRs of $\pm 100ppm/^{\circ}C$. Maximum voltage rating is $100V$ and operating temperature ranges from $-55^{\circ}C$ to $+150^{\circ}C$. Standard Sn/Pb terminations are available along with matte tin (Pb-free) terminations. IRC will also produce devices outside these specifications to meet customer requirements.

Typical pricing for the SC-3 Series resistors is approximately \$0.30 each in minimum order quantities of 10,000 pieces. Lead time is from stock to 7 weeks.

For datasheets or more information on IRC's SC-3 Series high power dissipation resistors, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=34>.

For additional information, please contact the TT electronics IRC Sales & Marketing Department at 361-992-7900; via mail at 4222 S. Staples St., Corpus Christi, TX 78411; or e-mail at afdsales@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.

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

Keywords: TT electronics, IRC, SC-3, high power, SMT, resistor, 3W
URL: <http://www.irctt.com/products.aspx?frmCategory=34>