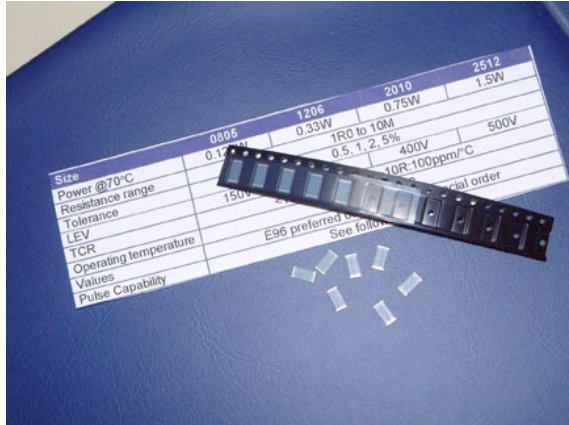


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High voltage, high surge ratings make resistors ideal for circuit protection...

IRC'S PULSE-WITHSTANDING CHIP RESISTORS FEATURE HIGH VOLTAGE, EXTENDED SURGE RATINGS

CORPUS CHRISTI, TX (August 31, 2006) — Providing design engineers with a stable resistive device for demanding high power applications, TT electronics IRC Advanced Film Division's pulse-withstanding chip resistors combine extended surge values with high voltage ratings. Designated the PWC Series, the resistors—ideal for power supplies and circuit protection devices—are available in 0805, 1206, 2010 and 2512 chip sizes.

“The combination of the high surge and high voltage ratings makes the PWC Series a good fit for the most demanding applications, including those involving turn-on surges and lightning pulses,” said Gary Bleasdel, thick film business unit director for IRC's Advanced Film Division. “Additionally, the footprint of the resistors is quite small, so they take up minimal board space, providing manufacturers with an excellent alternative to multi-chip solutions.”

The PWC Series resistors are also suitable for portable battery chargers, motor controls and line-powered equipment.

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IRC'S PWC RESISTORS FEATURE HIGH VOLTAGE, EXTENDED SURGE RATINGS, PG 2.

In the 0805, 1206, 2010, and 2512 package sizes, the PWC Series resistors feature power ratings of 125mW, 330mW, 750mW and 1.5W, with maximum voltage ratings of 150V, 200V, 400V and 500V, respectively. Resistance range is from 1.0Ω to 10MΩ, with available tolerances from ±0.5% to ±5%. Absolute TCRs are ±100ppm/°C at 10Ω and higher and ±200ppm/°C at less than 10Ω. Operating temperature range is -55°C to +155°C. IRC will also produce devices outside these specifications to meet customer requirements.

Pricing for the PWC 2512 Series resistors is \$.39 each in quantities of 5,000. Lead time is stock to 8 weeks.

For datasheets or more information on IRC's PWC Series power resistor, please access the Web site at <http://www.irctt.com/pages/surgepower.cfm>. For additional information, please 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; 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, Advanced Film Division, PWC Series, Chip Resistors

Datasheet: http://www.irctt.com/pdf_files/PWCR.pdf