



## FOR IMMEDIATE RELEASE

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*CHP1X Series first of IRC's planned extended range devices...*

## **IRC DEVELOPS 1 WATT SURFACE MOUNT CYLINDRICAL RESISTOR IN 2010 PACKAGE**

BOONE, NC – TT electronics IRC Wirewound and Film Technologies Division has introduced a 1-watt surface mount power resistor in an industry standard 2010 package size. The CHP1X is fully rated to 1 watt @ 70°C with a maximum voltage rating of 800 volts. Available in resistance ranges from 10Ω to 10KΩ with 1% and 5% tolerances, the CHP1X features TCRs of 50 and 100ppm/°C.

The CHP1X resistor is the first in a series of “extended range” devices that the company plans to introduce in the coming months.

The cylindrical design of the CHP1X provides excellent heat dissipation and much higher surge/pulse capability than comparably-rated flat chips. The part is especially suited for power applications where space is a premium. Allan Cole, sales and marketing director for IRC WAFT explains, “ The CHP1X represents a breakthrough of the 2512 barrier for a 1-watt rated surface mount resistor package. By taking advantage of the surface area of a cylindrical part and combining it with IRC’s unique processes, we were able to achieve this goal.”

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Typical pricing for the CHP1X Series resistor is \$.15 in quantities of 5,000 with lead times from 4 to 8 weeks ARO.

For additional information about the CHP1X, contact your local IRC distributor, the IRC Wirewound and Film Division Sales Department at 828-264-8861, via mail at PO Box 1860 Boone, NC 28607, e-mail at [waftsales@irctt.com](mailto:waftsales@irctt.com), or visit IRC on the web at [www.irctt.com](http://www.irctt.com)

IRC Inc. is a leading international manufacturer of advanced film, metal glaze and wirewound resistive products with facilities in Boone, N.C.; Corpus Christi, Texas; Smithfield, N.C.; and Barbados, West Indies. IRC is part of TT electronics plc, a leading global engineering company manufacturing a range of specialist products, including electronic passive components, electromechanical and electronic assemblies and sensor modules for the automotive, telecommunications, computer, medical and aerospace markets. TT electronics' Web site can be found at: [www.ttelectronics.com](http://www.ttelectronics.com).

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*To request electronic files of the attached image, please call BtB Marketing Communications, 919-872-8172, or e-mail: [cburke@btbmarketing.com](mailto:cburke@btbmarketing.com)*

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