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*RoHS-compliant current sense resistors perform reliably in extreme environments...*

## **IRC'S OPEN-AIR METAL ALLOY RESISTORS FEATURE FLAMEPROOF CONSTRUCTION FOR HIGH REL SERVERS, BATTERY PACKS**

LAS VEGAS, NV (May 6, 2008) — Providing design engineers with a robust current sense device for thermal conditions, IRC's OAR-TP Series open-air sense resistors are ideal for use in high reliability servers, lithium ion battery packs and open-frame power supplies. The resistors are constructed with a flameproof heavy gauge metal alloy, welded nodes and copper leads, and the long form factor dissipates heat at the solder joints.

“In extreme temperature environments, the construction of these resistors allows them to perform reliably as long as high temperature solder is employed,” said Bryan Yarborough, IRC's applications engineer. “With the extended height, this unique form factor enables the resistors to take advantage of any available airflow, making them suitable for many thermal conditions as well as applications with limited real estate on the PC board.”

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## IRC'S OPEN-AIR METAL ALLOY RESISTORS, PG. 2

The OAR-TP Series resistors are also suitable for surge and pulse, feedback and low inductance applications.

The OAR-TP Series open air sense resistors feature power ratings of 1W, 3W and 5W, with TCRs to  $\pm 20\text{ppm}/^\circ\text{C}$  and tolerance to  $\pm 1\%$  and  $\pm 5\%$ . Inductance values are typically less than 10nH.

Typical pricing for the OAR1-TP Series resistors ranges from \$0.248 to \$0.34 each in quantities of 10,000 pieces. Lead time is from stock to 10 weeks.

For datasheets or more information on IRC's OAR-TP Series open air sense resistors, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=22>. 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](mailto: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](mailto:bgaddy@btbmarketing.com)***

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URLs: <http://www.irctt.com/products.aspx?frmCategory=22>