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LAS Series resistors absorb surges in automotive, power supply applications...

IRC DEVELOPS WIREWOUND RESISTORS FOR HIGH-VOLUME POWER AND SURGE APPLICATIONS

BOONE, NC (February 2, 2005) – Resistor manufacturer IRC has developed an economical wirewound power resistor for high-volume power and surge applications. Designated the LAS Series, these semi-precision wirewound resistors serve as complementary options to IRC's AS Series in any existing circuit.

According to Keith Chipman, Product Manager for IRC's Wirewound and Film Technologies Division, the LAS Series resistors are based on the company's proven AS Series of power wirewound devices. "Cost reductions achieved in the LAS series enable us to target higher volume applications in automotive subsystems and power supplies," he explained.

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Automotive applications for the LAS Series resistors include radio, HVAC, instrument panel and engine controls. Commercial uses include motor controls, inrush current limiters and general purpose power supply applications. The LAS-3 in 5.6ohm to 100ohm values will meet telecom GR-1089 lightning requirements.

Available in two package sizes (LAS-1/LAS-3), the LAS-3 is rated for 3 watts at 25°C and 2 watts at 125°C; the LAS-1 is rated for 2 watts at 25°C and 1 watt at 125°C. They are rated for operation from -55°C to 275°C. Offered in resistance values from 0.1Ω to 18KΩ, the devices are available in tolerances down to 0.5%, with temperature coefficient ratios as low as 20ppm/°C.

The LAS Series resistors are constructed with a metal alloy resistance wire that is wound to semi-precision tolerances around a heat-conducting ceramic core and sealed with a silicone conformal coating to produce a rugged device with high power handling capability. They are also compatible with high-speed automatic insertion equipment.

Typical pricing for the LAS Series resistors is \$0.13 each in quantities of 10,000.

For additional information about the IRC Wirewound and Film Technologies Division contact them at 828-264-8861, via mail at P.O. Box 1860 Boone, N.C. 28607, e-mail at waft.sales@ircctt.com, or visit IRC on the web at www.ircctt.com.

IRC Inc. is a leading international manufacturer of advanced film, metal glaze and wirewound resistive products with facilities in Boone, N.C.; Smithfield, N.C.; Barbados, West Indies; and Corpus Christi, Texas. IRC is part of TT electronics plc, a leading global electronics 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.

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