

## News Release



### **Hypertronics Announces Miniature Circular Connectors: *Reduces Form Factor by 30%, Maximizes Pin Count***

**Hudson, MA (March 1, 2009)** Hypertronics Corporation, a Smiths Interconnect business and world-leading provider of high performance interconnect solutions for the most demanding applications; today announced the launch of the first of several miniature product extensions. These next generation miniature connectors are designed to reduce the size by nearly 30%, while still providing maximum signal reliability. The new “mini” connector is a product extension of Hypertronics popular circular push-button D Series connector design. As the demand across industries increase for miniaturization, the company plans include the launch of additional miniature products including HyperGrip®, Hypertronics standard medical circular connector design.

The Hypertronics mini connectors incorporate the ultra reliable Hypertac® hyperboloid contact in a smaller 0.3 mm pin size, creating a significantly smaller form factor while maintaining 5 signal contacts rated at 1A each, with a dielectric withstanding voltage rating of 750V. The new design maintains the same reliable electromechanical performance characteristics of all Hypertac contacts: high cycle life, low contact resistance, low insertion/extraction force and

resistance to shock & vibration but now meet industry's increased demands for miniaturization and higher density.

“Industry trends towards product miniaturization and product integration are more significant than ever as manufacturers continue to create more sophisticated products with higher levels of data acquisition and signal processing,” states Vadim Radunsky, President, Hypertronics Corporation. “The new mini connector series is designed to be both rugged and versatile in order to meet the increased functionality requirements for today's more advanced systems.”

The easy-to-assemble mini D series incorporates the familiar push-button latch for simple operation while alignment and polarization are provided by the distinctive housing design. The plugs are available with crimp termination, which can also be soldered, accommodating up to 24 AWG wire. The receptacles will be available with 6 inch [15.24mm] pigtails as standard with optional custom lengths and board terminations available.

The mini D series product is used in medical equipment such as monitors, therapeutic devices, imaging, and invasive probes. With the size of medical systems becoming smaller, the miniatures will offer the ability to create an overall smaller device that results in more comfort and portability for patients.

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#### **About Hypertronics Corporation**

Hypertronics, based in Hudson, Massachusetts, has been a leader in the design, manufacturing and distribution of specialty connectors for the electronics industry since 1970. Its Hypertac® technology is renowned for delivering unfailing performance in high-reliability applications in the medical, military/aerospace, test and measurement and industrial market segments. The company offers a wide range of standard catalog products as well as custom-designed connectors for more specific application needs and performance requirements. Hypertronics is a wholly owned subsidiary of Smiths Interconnect. More information about Hypertronics products and solution offerings can be found at [www.hypertronics.com](http://www.hypertronics.com).

#### **About Smiths Interconnect**

Smiths Interconnect, part of the global technology business Smiths Group, designs and manufactures specialized electronic and radio frequency products that connect protect and control critical systems for the wireless telecommunications, aerospace, defense, space and medical markets. For further information visit [www.smithsinterconnect.com](http://www.smithsinterconnect.com)

#### **About Smiths Group**

Smiths is a global technology business listed on the London Stock Exchange. A world leader in the practical application of advanced technologies, Smiths Group delivers products and services for the threat & contraband detection, energy, medical devices, communications and engineered components markets worldwide. Our products and services make the world safer, healthier and more productive. Smiths Group employs more than 20,000 people in over 50 countries. For more information visit [www.smiths.com](http://www.smiths.com)

**For more information on Hypertronics please contact:**

Deborah West, Public Relations, Hypertronics Corporation

E-mail [debbie.west@hypertronics.com](mailto:debbie.west@hypertronics.com) phone: 978-568-2780