

## **Omnetics offers precision over-molding service**

*Short runs or high volume*

*Minneapolis, USA, Sept 2007...*Omnetics, the leading manufacturer of miniature high rel connectors, now offers a precision over-molding service, enabling defence, medical and other high reliability applications to benefit from having electrical connectors molded into equipment housings. This ensures that contamination is minimised, and enables easy sterilization. There can also be significant savings in space, weight and cost.

Connector insulators are first assembled with pins or sockets that have been pre-wired or have solder lugs on the back. Customers' mechanical assembly drawings or solid models are used to size and specify the internal dimensions of the housings, handles, and probes that will contain the connectors. Injection over-molding processes complete the final step of fabrication, forming the final assembly. Omnetics offers many material options for the outer shell material, based upon the application. Materials range from soft silicones to hard glossy shells used in tool handles. Custom logos and colors can be incorporated.



Comments Greg Jones, Sales Manager: "Having the connector system designed as a part of the end equipment brings many benefits, but usually requires large production run orders. Omnetics is happy to offer this precision over-molding service for any order volumes from short runs to large quantities. We have also just invested in a new clean room to support this capability."

### **About Omnetics**

Omnetics was formed in 1984 to deliver rugged, reliable interconnect solutions for the most demanding industries. The company has a fully integrated design and manufacturing plant in Minneapolis, Minnesota USA, where it produces Micro and Nano miniature interconnect products, featuring COTS, Standards and Custom connectors for industries such as Military, Aerospace, Defence, Medical and other technology oriented OEMs. 3-D models and STEP files are freely downloadable for all Omnetics' COTS (custom off the shelf) and Standard parts at:

<http://www.omnetics.com/Products/cots.asp>