

Elma Develops Long ATCA Handle for High Insertion Forces



Fremont, CA - August 21, 2009 Elma Electronic Inc, a global manufacturer of electronic packaging products, has expanded its ATCA component offering with a new longer handle that is more ergonomic and helps manage HIF (high insertion force).

The new Elma ATCA injector/ejector handle was designed to handle higher insertion forces with its increased leverage. With the plastic over a specially-molded internal core, the new handle is highly rugged.

A slide-motion button on the ATCA handles allows it to be latched shut and to activate an optional micro-switch. This function is similar to the latching button on Elma's highly successful IEEE handles. Moving the sliding button activates the micro-switch and unlatches the handle so that it pivots out by a few degrees and presents itself to the operator for removal. This allows the user to grab the handle easily and maximize leverage. The ergonomics of this intuitive two-step latching feature also reduces the amount of force required to disengage the handle.

The Elma ATCA handles are supplied as one-piece assemblies, greatly reducing the hidden assembly costs of many handles currently in the market. In the closed position the handle is flush against the panel to protect against inadvertent opening prior to activating the micro-switch. With a solid click shut, the user gets audible confirmation
Elma also offers injector/ejector handles in IEEE, IEC, Telco, Long Telco, and Classic styles.

About Elma Electronic

Elma Electronic Inc. is a leading manufacturer and supplier of enclosures, backplanes, cabinets, cases, and "ready-to-run" packaging for ATCA, CPCI/2.16, Rugged COTS, VME/64x, VXI, VXS, and custom bus structures. Elma's component product line offers a wide selection of top quality switches knobs and LED arrays. The company has been a worldwide supplier of dependable, high performance products for over 35 years. Elma operates three facilities in the continental United States plus has locations in Switzerland, Germany, France, the United Kingdom and Israel. www.elma.com