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October 14, 2008

Schroff Revolutionizes ATCA Front Panel Assembly

The new generation Schroff® AdvancedTCA front panel assembly has been re-designed to improve assembly efficiency and reliability while strengthening a traditionally weak area of stainless steel sheet metal front panels.

The front panel assembly incorporates a die-cast zinc base that strengthens the ends of stainless steel front panels, reinforcing weak spots and reducing the possibility of bent pins and loose hardware.

To improve the efficiency of PCB and front panel assembly operations, the Schroff IEA-R Handle now ships fully assembled so that the bushing block, spring and handle are held together in their final assembled position with a unique transporter device. After the handle has been installed, the transporter device can be easily removed and discarded. This pre-assembled design approach simplifies handle assembly and reduces overall assembly time.

This integrated die cast base and handle offers a robust look and feel and allows for full customization. ID labels can be placed on both the IEA-R handle as well as the designated areas on the die-cast base to display customer logos, barcodes, etc.

The ergonomically designed Schroff IEA-R handle is spring loaded to provide a smooth feel and action for improved application reliability. It has exceeded 250-actuation cycle testing without any noticeable wear or degradation in performance, assuring repeated ease of insertion and extraction of the AdvancedTCA board. The new generation IEA-R handle conforms to the PICMG 3.0 R2 specification, and is constructed with environmentally friendly materials for full RoHS compliance.

Visit www.a-tca.com for more information on Schroff's new generation IEA-R ATCA handle its wide range of ATCA chassis, backplanes, and accessories.

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READER SERVICE INQUIRIES: Please forward all reader service inquiries to Susan Gangsei, Pentair Electronic Packaging. Email: susan.gangsei@pentair-ep.com

EDITOR'S NOTE: Schroff®, a brand of Pentair Electronic Packaging, provides standard, off-the-shelf and customer specific integrated enclosure solutions and front panels for open architecture bus-based applications, VME, VME64x, VITA31.1 (VXS), VITA 41, CompactPCI, VXI, MicroTCA, AdvancedMC, and AdvancedTCA applications. Complementing the chassis products are a wide range of seismic, EMC, indoor and outdoor plant cabinets, desk and rack mount instrument cases, integrated systems and enclosure hardware. More information is available at www.schroff.us and www.a-tca.com.

Pentair Electronic Packaging (www.pentair-ep.com), a business unit of Pentair Technical Products, is a world-leading provider of standard and custom electronic enclosure solutions to top manufacturers in many diverse markets, including medical, security/military, datacom and telecom, as well as various other electronic OEMs. The company's extensive product range offers the highest level of quality and aesthetics available in the market today, from complex, progressive-tooled sheet metal components to leading edge, fully integrated AdvancedTCA systems. With ISO 9001-2000 certified



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manufacturing facilities, Pentair Electronic Packaging uses seamless communications platforms throughout its operations to design, manufacture, assemble, and test products, and manage logistics throughout the supply chain.

Pentair (www.pentair.com) is a diversified operating company headquartered in Minnesota. In addition to the Technical Products Group, the company operates the Water Group, a global leader in providing innovative products and systems used worldwide in the movement, treatment, storage, and enjoyment of water. Pentair had 2007 revenues from continuing operations \$3.39 billion on a pro forma basis. The company has approximately 14,800 employees worldwide.