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Tyco Electronics to Display Sep 3T at Nepcon South China 2006

HARRISBURG, Pa — August 14, 2006 — Tyco Electronics' Global Application Tooling Division (GATD) today announced that it will exhibit SEP 3T servo electric press in booth 3C01 at the upcoming NEPCON South China exhibition and conference, scheduled to take place August 29 through September 1, 2006, at the Shenzhen Convention & Exhibition Center in Shenzhen, China.

The SEP 3T is a servo electric press focused at the application of PCBs onto over-molded compliant pin housings. The system provides full control and monitoring of every product. This level of control, quality and traceability is essential in the safety and control applications where these types of housings are typically used. Tyco's SEP 3T is the only press currently available to provide this capability.

PCBs are manually loaded in the housing and this assembly is placed in the lower support tooling by the operator. The operator then initiates the pressing cycle and a lower shuttle automatically locates the assembly under the press ram. The pressing process is driven by a PC-controlled servo-electric motor using real-time force feedback. This system monitors the application of every product with the ability to terminate the pressing process based on a wide range of errors. These include excessive force, not meeting minimum force and premature contact. By adding the optional pin detection system, the SEP 3T can ensure that the application is completed properly relative to the force requirements of the compliant pins and that the pins properly locate through the PCB. The pin detection system can also identify and display which pin does not meet location requirements.

The SEP 3T provides up to 3 tons (27 kN) of pressing capacity and the ability to process a wide range of over-molded housing sizes. Also, a range of options is available including pin detection system, reject chute and table-mounted bar code scanners.

Additionally, the SEP 3T features a PC-controlled servo electric press for the application of PCBs onto over-molded compliant pin housings, and monitors force and distance of every product pressed to ensure proper accurate application and quality. It features the ability to stop in mid-press cycle if errors are detected. Users simply fix the errors and re-press the pins, saving both pin and board cost.

Application-specific tooling is available to meet a range of requirements including a pin detection system to ensure that every pin is properly located through the PCB. The system stores SPC and press cycle data for 100 percent quality traceability, and is capable of meeting a range of applications with custom tooling and options.

For more information on the SEP 3T from Tyco Electronics, e-mail can be directed to newproducts@tycoelectronics.com.

ABOUT TYCO ELECTRONICS

Tyco Electronics, a business segment of Tyco International Ltd., is the world's largest passive electronic components manufacturer; a world leader in cutting-edge wireless, active fiber optic and complete power systems technologies; and a provider of premise wiring components and systems. Tyco Electronics provides advanced technology products from over forty well-known and respected brands, including Agastat, Alcoswitch, AMP, AMP NETCONNECT, Buchanan, CII, CoEv, Critchley, Elcon, Elo TouchSystems, M/A-COM, Madison Cable, OEG, Potter & Brumfield, Raychem, Schrack and Simel. For more information, visit www.tycoelectronics.com

The Global Application Tooling Division (GATD), a business unit of Tyco Electronics, is a leading supplier of automated equipment and production tooling used in the manufacturing of electronics assemblies. The portfolio includes products for both the production of wire harnesses and printed circuit board assembly. Products include leadmakers, crimping machines, hand tools, FFC-FPC equipment, electrical test equipment, press fit and pin insertion systems, RFID assembly systems, selective soldering systems, and depaneling systems. For more information, visit <http://tooling.tycoelectronics.com>.

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