

NEWS RELEASE

Editor Contact:

Ken Darling
Masto Public Relations
(518) 786-6488
e-mail: mastopr@the company.com

Weidmuller's New SL-SMT 3.5 PCB Pin-Headers

Reduce Production Time and Costs by 30%

RICHMOND, VA (May 19, 2000) – Designed specifically for automated assembly of electronic modules, the new SL-SMT 3.5 printed circuit board pin-header from Weidmuller, Inc. eliminates the need for manual handling and wave or hand soldering processes, cutting surface mount technology (SMT) production time and costs as much as 30%

A conventional mixed technology production process employing both through-hole-technology (THT) and SMT requires both reflow and wave solder operations. Using a state-of-the-art, through-hole-reflow (THR) technique, the new Weidmuller pin-header eliminates the wave or hand soldering process, saving operational time and avoiding the need for an expensive wave solder machine. In addition, the SL-SMT anti-static (tape-on-reel) or tray packaging enables the use of a standard pick-and-place machine instead of a specialized pick-and-place machine or manual handling for the THT components.

The SL-SMT 3.5 pin-header is mounted onto a PCB along with other standard SMT parts such as ICs and passive components. All the parts are soldered to the PCB in a

-more-

-2-

reflow process at the same time, optimizing the SMT workflow and reducing production steps.

High-temperature resistance is a key feature of the new Weidmuller offering. During the reflow soldering process, temperatures of up to 500°F (260°C) are experienced, which can damage standard

components. The SL-SMT 3.5 pin-header is molded from halogen-free liquid crystal polymer which can withstand such temperatures. This material also has a UL 94-rating of flammability class V0.

The new pin-header offers up to ten times greater mechanical strength on the PCB than standard gull wing surface mount components. It is available in 90° (horizontal) and 180° (vertical) angled versions, and with open-ended, closed-ended and flanged versions for secure fixing of the socket connector to the SL header.

The SL-SMT pin-header is the newest member of Weidmuller's family of standard 3.5mm pitch connectors.

Weidmuller Inc. is the U.S. operation of Germany-based Weidmuller Interface GmbH and Company, the world's leading supplier of terminal blocks, printed circuit board terminals and connectors, electronic interface modules, and enclosures. Weidmuller has about 4,500 employees worldwide, with a presence in 75 countries. Weidmuller, Inc. was established in Richmond in 1975 and today employs about 130 people in its U.S. operations.

For more information about Weidmuller and its products, please contact:

Marketing Communications Manager
Weidmuller, Inc.
821 Southlake Blvd.
Richmond, VA 23236

Phone (800) 849-9343

Fax (804) 794-0252

E-mail: info@weidmuller.com

Web site: www.weidmuller.com

###

For automatic industrial assembly machines, Weidmuller, Inc. supplies its new SL-SMT 3.5 printed circuit board pin-header in tape-on-reel or tray packaging.