

Ultra-Narrow SlimStack™ Board-to-Board Connectors from Molex Save Space for Compact Applications

Connectors can save up to 45 percent of space compared to even lower-profile versions

LISLE, Ill. June 3, 2009 – Molex Incorporated (NASDAQ: MOLX and MOLXA) today introduced a new series of SlimStack™ board-to-board connectors with a 0.40mm (.016") pitch that offer an ultra-narrow width of 2.60mm (.102"). These miniature surface-mount connectors are ideal for tight-packaging applications such as mobile phones, digital cameras or portable audio units.

The connectors have a profile height of 1.00mm (.039"), but can provide greater space savings than many 0.90mm (.035") height versions. The new series is available in 20 to 80 circuits.

The series features gold-plated grounding and soldering tabs that save space while providing secure PCB retention and electrical grounding. The solder tab utilizes a friction lock design which, when combined with a tuning fork terminal design, provides a tactile click feeling for secure contact reliability and protection against drop impact. The tuning fork terminal design provides a long wipe length for superior electrical contact reliability.

The SlimStack housing allows for PCB tracing patterns to be run underneath the connector to provide design flexibility and space savings. The contact areas of the terminals are gold-plated for good reliability and durability, and include a nickel barrier to protect against solder flux wicking. The system is rated at 50V and 0.3A. Housing designs include sufficient space for robotic pick-and-place, and packaging is embossed tape to accommodate that method. Optional vacuum tape is also available if required.

These latest versions of the SlimStack family are part of Molex's overall line of space-saving SlimStack board-to-board connectors that are available in pitch sizes from 0.40 to 1.00mm (.016 to .039") and stacking heights from 0.90 to 20.00mm (.035 to .787"). For additional information on Molex's SlimStack connectors, visit www.molex.com/product/bb/slimstack.html.

About Molex

Molex Incorporated is a 70-year-old global manufacturer of electronic, electrical and fiber optic interconnection systems. Based in Lisle, Illinois, USA, the company operates 45 manufacturing locations in 17 countries. The Molex website is www.molex.com.

