News Release

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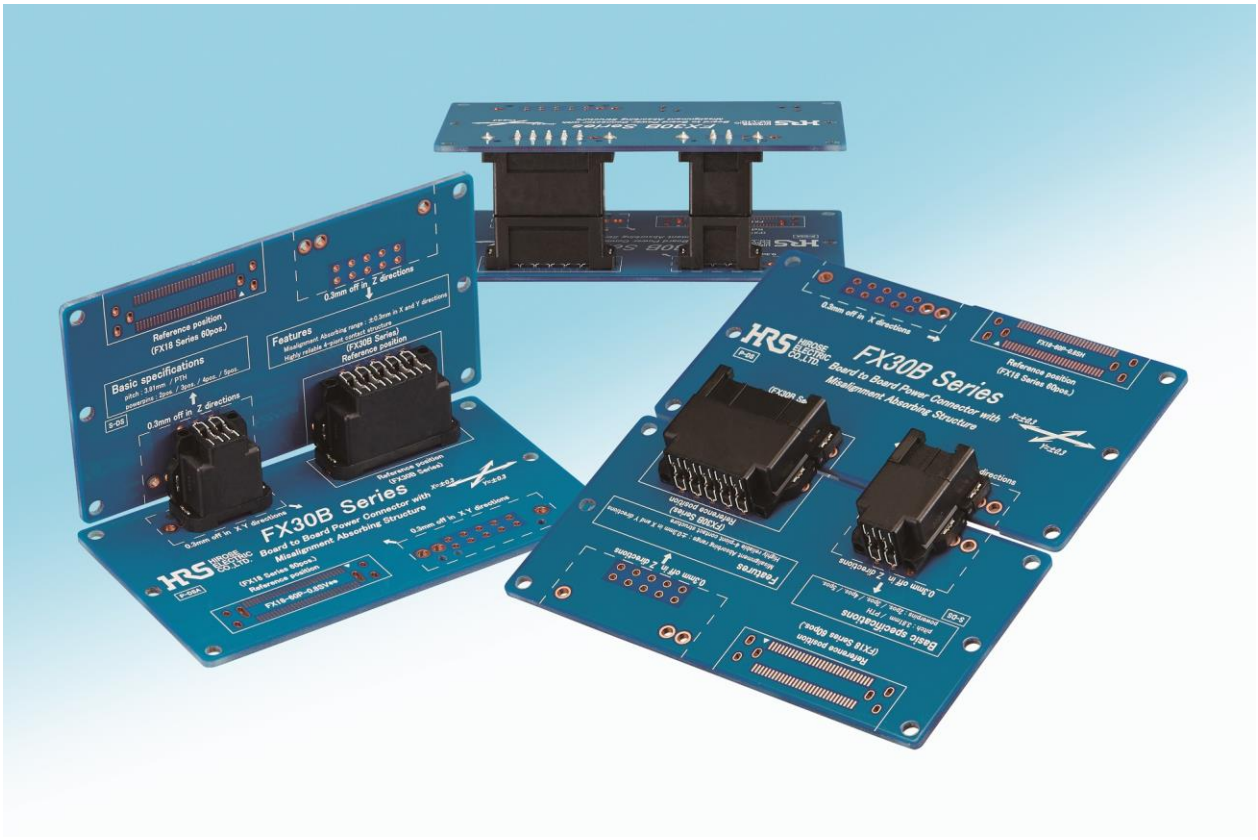
Multifunctional FunctionMAX board-to-board connector family meets the needs of the industrial, medical communication, and other markets…



HIROSE LAUNCHES FLOATING, HIGH-SPEED FUNCTIONMAX BOARD-TO-BOARD CONNECTOR FAMILY

SIMI VALLEY, CA — June 1, 2015 — Hirose, a leader in the development of innovative connector solutions, has developed the FunctionMAX group, a versatile board-to-board connector family that features specialized floating alignment capability and/or high-speed transmission. The FunctionMAX board-to-board connector family includes connector series that are available in various configurations

including vertical/mezzanine, right angle/riser card and coplanar. These series are designed to meet the demands of the industrial, medical, communication, and other markets with maximum functionality.

Particularly beneficial when multiple connectors are used on the same PCB, innovative floating structures in selected FunctionMAX connectors offer a degree of play between the contacts during mating, and allow the connector to absorb alignment errors. Ensuring correct and safe mating, the floating contacts self-center in both the X and Y directions. This floating feature of the FunctionMAX connectors also eliminates stress imparted by mounting placement errors. Reducing the stress on mounted parts significantly decreases solder cracking and enhances reliability. By simplifying mating, the floating functionality also saves considerable assembly time and costs.

Some members of the FunctionMAX connector family are designed with a differential transmission system that offers excellent noise resistance and signal integrity to deliver high-speed signals. Providing high-speed transmission up to 15GBs, the connectors ensure impedance-matching and low insertion loss.

FunctionMAX connectors are well-suited for use in medical devices, office imaging equipment,

measurement equipment, industrial computer systems, automotive navigation and audio systems, broadcast equipment, base station transceivers, industrial machinery and more.

“Optimized for high performance and functionality, the FunctionMAX board-to-board connector family consists of Hirose’s top industrial connector products designed for advancing technologies in demanding devices and systems,” said Rick van Weezel, Vice-President of Sales and Marketing for Hirose Electric USA. “While traditional board-to-board connectors can only be used if the center lines are perfectly aligned, FunctionMAX connectors with our unique floating contact structure offer mating flexibility and alignment error compensation.”

The FunctionMAX connector family consists of:

- FX8 Series: parallel configuration, 0.6mm pitch, high-speed transmission
- FX10 Series: parallel configuration, 0.5mm pitch, floating design high-speed transmission
- FX18 Series: parallel, vertical and coplanar versions, 0.8mm pitch, high-speed transmission, power/signal hybrid
- FX20 Series: right angle and parallel versions, 0.5mm pitch, floating design, dual contact

- FX22 Series: coplanar configuration, 0.5mm pitch, floating design, dual contact
- FX23 Series: right angle and parallel versions, 0.5mm pitch, floating design, high-speed transmission, power/signal hybrid
- FX30B Series: right angle, parallel, and coplanar versions, 3.81mm to 7.62mm pitch, floating design, power/signal hybrid

For additional information about the FunctionMAX board-to-board connector family, please visit: www.hirose.com/us.

ABOUT HIROSE ELECTRIC

Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of over $1 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including: industrial, telecommunication, consumer electronics, computer and automotive. More information can be found on Hirose Electric's corporate website at www.hirose.com.