



## News Release

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***New ER8 Series micro pitch board-to-board connector delivers high transmission speeds of 10+Gbps...***

### **HIROSE NOW A LICENSED SECOND SOURCE FOR SAMTEC EDGE RATE® SERIES**

DOWNERS GROVE, ILLINOIS — September 18th, 2017— Hirose, a leader in the development of innovative connector solutions, has designed a 0.8mm pitch board-to-board connector that supports high transmission speeds of more than 10Gbps. The ER8 Series contacts are optimized for signal integrity performance, ensuring reliable high-speed performance. The ER8 Series is a licensed second source for the Samtec Edge Rate® Series, which is commonly used in broadcast equipment, medical equipment, multifunction printers, point-of-sale equipment, servo motors/amps, vehicle navigation, and more.

The self-mating interconnects have mating/unmating forces up to six times greater than typical micro pitch connectors. The rugged micro pitch connectors offer additional robustness when "zippered" during mating/unmating. In addition, the ER8 Series connectors have an increased contact wipe and insertion depth, making them ideal for applications that require high-mating cycles and resistance to shock and vibration.

The ER8 Series is available in parallel (mezzanine) and right angle versions. The vertical connectors are offered with pin counts ranging from 10 to 120 positions, while the right angle model is currently offered with a 120-position pin count. Featuring low profile stacking heights from 7mm to 12mm, the ER8 meets the size requirements of a wide range of applications.

“The micro 0.8mm pitch board-to-board connector second source agreement with Samtec provides two very reputable and well-respected purchase sources for our customer bases,” said Bill Kysiak, Product Marketing Manager for Hirose Electric USA. “We are excited to offer the ER8 Series interconnect solution, as it combines a rugged miniature design with high-speed transmission capability to support a wide range of automotive, industrial, medical and POS applications.”

“Hirose is a leader in high-speed and miniature interconnect systems, and this partnership provides customers a reliable second source for Edge Rate products,” said Brian Vicich, Samtec’s Vice President of Engineering.

The ER8 Series features an excellent insertion loss-to-crosstalk ratio with a 5-aggressor differential far end crosstalk (FEXT) that meets the IEEE802.3ap specification for 10Gbps with plenty of margins.

The ER8 Series has a rated voltage of 100V AC, a current rating of 0.5 A.

For additional information about the ER8 Series connector, visit:

<https://www.hirose.com/product/en/products/ER8/>

For more information on Hirose visit [www.hirose.com/us](http://www.hirose.com/us).

Edge Rate is a trademark of Samtec, Inc.



#### 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](http://www.hirose.com).