



## News Release

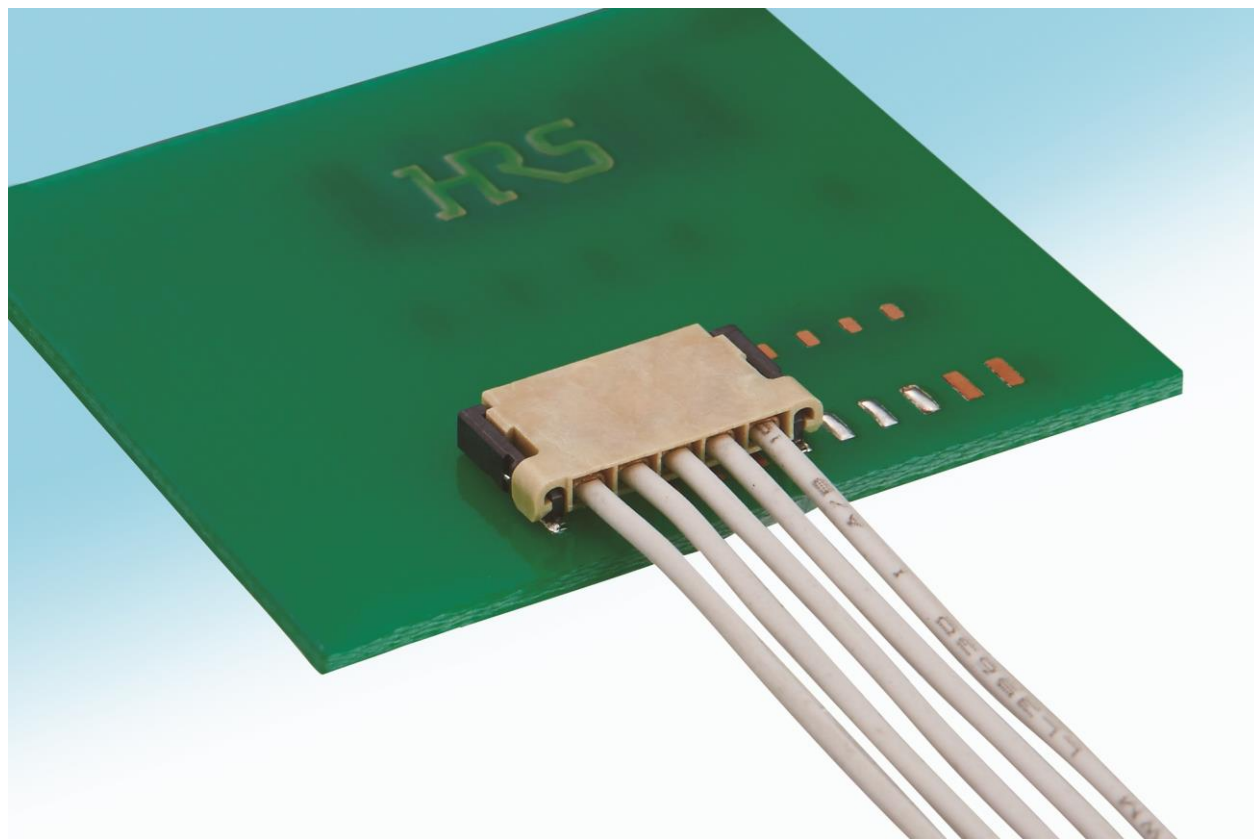
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***Super low-profile, high-performance vertical-mating DF65 Series connector for electronic device battery connections...***

### HIROSE DEVELOPS INDUSTRY'S LOWEST-PROFILE POWER CONNECTOR



SIMI VALLEY, CA — November 20, 2014 — Hirose, a leader in the development of innovative connector solutions, has developed the DF65 Series connector, a small, vertical-mating wire-to-board connector that provides high-current capacity and high reliability for power supplies, up to 4 Amps (with 24 AWG wire) and 50 V AC/DC. A super-low profile connector, the DF65 Series

features a narrow 1.7mm pitch and 1.8mm mated height. The vertical mating feature maximizes available board space and reduces assembly time.

The DF65 Series introduces Hirose's new, advanced locking system developed for high vibration applications, which makes it well-suited for use with a DC jack or battery pack. The double locking structure enhances reliability by reinforcing the engagement between the socket and the header. The positive lock secures the socket into the header, and produces over 5N cable pull strength in the upper direction. The friction lock system ensures complete locking by producing a final tactile click, and prevents the socket from floating after mating.

The two point contact structure provides optimum reliability by stabilizing contact resistance and restraining temperature rise.

“The new DF65 Series wire-to-board connector emphasizes Hirose's commitment to supplying innovative, high-performance connectors for power applications. The high-current connector's new, user-friendly lock system combines reliability with simplified installation, while offering design flexibility by providing a significant reduction in board area compared to competing products,” said Rick van Weezel, Vice-President of Sales and Marketing for Hirose Electric USA.

The DF65 connector's molded structure prevents solder wicking and accidental unmating, while the header design provides increased cable retention and enhanced lance strength.

The small size, high power capability, and ruggedness makes the DF65 Series wire-to-board connector well-suited for a wide range of applications including industrial machinery, industrial robotics, portable medical devices, laptops, tablets, digital cameras, LCD TVs, home electronics, white goods, and LED lighting.

With an operating temperature range of -35°C to +105°C, the DF65 Series connector limits contact resistance to 10M ohms maximum with an insulation resistance of at least 100M ohms minimum at 100V DC. The DF65 Series is RoHS compliant. UL certification is currently pending.

For additional information about the DF65 Series connectors, please visit: [www.hirose.com/us](http://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/us](http://www.hirose.com/us).