



FOR IMMEDIATE RELEASE

## ERNI Electronics, Inc. expands wire-to-board connector series

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*ERNI expands iBridge Ultra portfolio to include solder and cable assemblies*

**Midlothian, VA, May 19, 2020-** ERNI Electronics, Inc. has expanded the iBridge Ultra<sup>®</sup> connector family, a robust and compact connector for harsh environments, to include solder and cable assembly versions.

ERNI, global manufacturer of electronic connector solutions, is expanding its INTERact<sup>®</sup> products with new variants for the robust iBridge Ultra product line. The newly released vertical and right angle male connectors with solder termination compliment the previously released SMT version. The portfolio has additionally expanded to include pre-assembled cable connectors for timesaving processing.

The iBridge Ultra is a 2.0mm pitch connector designed to provide compact and reliable connection that will withstand temperatures ranging from -40 °C to +100 °C plus high vibration, making it suitable for use in rugged environments. One of the key features is the Terminal Positioning Assurance (TPA), which serves as a secondary locking to the crimp contacts in the female housing. The secondary locking feature, in addition to the location pegs of the male parts, make the connections quite resistant against strong vibrations, such as those that occur in automotive applications notably in inverters such as on-board charging systems or engine control systems.

The tin plated crimp contacts are specified for wiring with AWG 22 and AWG 24. The cable-to-board connectors are now available as standard pre-assembled with cable lengths of 100 mm as single and dual-ended versions.

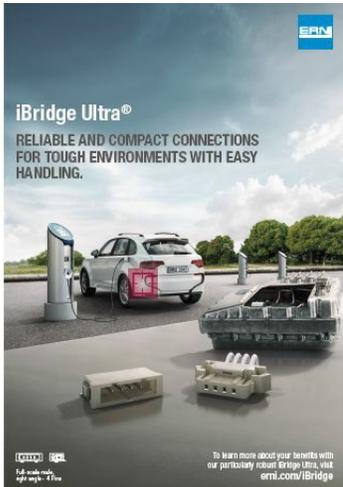
Despite the small pitch, the connectors have a high current rating of up to 8 A per contact. The metal soldering clips for the SMT versions ensure PCB retention and strain relief of contacts. The dual beam female contacts ensure reliable mating and the stamped male contacts are robust, coplanar and capable of carrying high currents. This design also compensates for possible misalignment mating, while the close-box design additionally ensures reliable positions of the male contacts. The portfolio is available in pin counts of 2, 3, 4, 5, 6, 8, 10 and 12.

The iBridge Ultra has been developed and tested according to requirements of USCAR-2 & USCAR-21 and it also has UL certification. The latest enhancements open up applications beyond automotive to include industry, telecommunications and medical technology. The compact design and the flexible contact technology (both SMT and solder) allow installation even in space-critical locations.

iBridge Ultra 2.0mm single row connectors are now available in SMT, solder and pre-assembled cable versions and come in pin counts from two to twelve. This versatile, robust and miniature connector is designed to USCAR requirements, and has UL certification. The packaging of SMT versions is tape-on-reel and the solder versions are in tube packaging, both support ease of assembly.

To learn more about ERNI's iBridge Ultra connector series, please visit our [website](#). ERNI sells its products direct and through a number of approved [channel distribution partners](#).

Click [here](#) to learn more about [ERNI](#). To reach [ERNI Americas](#) about connector solutions for your application, please call 804-228-4100 or send an email to [Info.Americas@ERNI.com](mailto:Info.Americas@ERNI.com) to connect with an ERNI connector specialist.

 <p>iBridge Ultra® RELIABLE AND COMPACT CONNECTIONS FOR TOUGH ENVIRONMENTS WITH EASY HANDLING.</p> <p><small>UL 1973, 1978, 1980, 1985, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025</small></p> <p><small>To learn more about your benefits with our particularly robust iBridge Ultra, visit <a href="http://erni.com/iBridge">erni.com/iBridge</a></small></p>	<h3>ERNI's adds more variants to iBridge Ultra</h3> <p>ERNI has added additional options to the robust 2mm iBridge Ultra connector line. Perfect for harsh environments, this UL certified connector is a great fit for many applications. <a href="#">Learn more</a></p>
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## About ERNI

Established in 1947, headquartered in Zurich, Switzerland, and privately held, ERNI Electronics is a market leader in the development and production of electrical connectors, cable assemblies, plus cable housings and enclosures. With locations in over 40 countries, [ERNI](#) is a leading global manufacturer and supplier of quality connectors for the automotive, industrial, medical, and communications fields, among others. Locally, [ERNI Americas](#)' headquarters are in Midlothian, VA, from which the group provides customer support, administration and fulfillment services for local and global customers. For more information about the company, please visit [www.erni.com](http://www.erni.com).

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