



For Immediate Release

ERNI extends MicroSpeed connector family with new signal variants and complementary Power Connectors

Cost-efficient Power Connectors and MicroSpeed signal connectors with a choice of pin counts increase the application flexibility of global customers

Midlothian, Virginia— March 17, 2021 – ERNI Electronics, Inc. is expanding its MicroSpeed product line.

ERNI Electronics, Inc., a leading international manufacturer of electrical connectors, is expanding its MicroSpeed product family in the signal area to include variants with the additional pin counts 26, 32 and 44, plus unshielded connectors are also being added in the power supply group. With the expanded range of variants, ERNI can respond even more precisely to the specific requirements of its customers and, through greater diversity, provide even greater development flexibility and additional competitive advantages in the global market.

In addition to the compact size of MicroSpeed, key buying factors include high vibration resistance, good processability and robustness. With the high transmission rate of up to 25 Gbit/s plus outstanding signal integrity, reliability and robustness, the MicroSpeed connectors can be used in a space-saving and flexible manner in data and telecommunications as well as medical technology and industrial automation applications at operating temperatures from -55 °C to +125 °C.

The new unshielded Power Connectors with up to 44 contacts (single or dual row) allow a cost-efficient and compact power supply up to 15A with high current carrying capacity and higher operating voltages due to variable contact spacing and selective assembly. This means that MicroSpeed Power Connectors can now be used flexibly in applications previously other larger connectors were used.

All connectors in this release meet the requirements of modern automated component insertion machines. Surface Mount Technology (SMT) coplanarity is 100% guaranteed and specified at less than 0.10 mm for all contacts. This makes them suitable for fully automatic, cost-efficient SMT assembly.

MicroSpeed signal connectors feature double-sided female contacts with a wide, uniformly smooth surface and an effective wipe length of 1.5 mm. A large capture range of 0.85 mm (blind mate version) with a 1.0 mm pitch ensures safe and reliable mating with high contact integrity.

The robust design of these ERNI connectors, with polarized mating face, blind mate versions, reverse polarity protection and enlarged guides to accommodate the mating contact, support user-friendly integration in compact Internet of Things, Industry 4.0, and hard-to-reach automation devices.

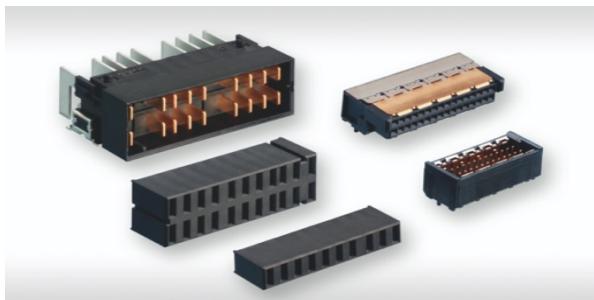


Image 1: ERNI has added more selections to the popular MicroSpeed signal and power connector series

About ERNI: ERNI is an international, family-owned company, and a leading global connector manufacturer and service provider with more than 70 years in history. ERNI develops, manufactures and sales a wide variety of electronic connectivity solutions for various areas of applications and has an emphasis on connectors that are robust, miniaturized and versatile. Spanning over 40 countries and with state-of-art manufacturing facilities in Europe, North America and in Asia Pacific, ERNI is perfectly positioned to meet the requirements of its global customers. ERNI International AG, is headquartered in Switzerland, and regionally, ERNI Electronics Americas is headquartered in Midlothian, VA. To learn more about ERNI, visit erni.com, ERNIConnects.com, LinkedIn or YouTube.

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