# PRESS RELEASE

**Würth Elektronik presents current-compensated data line filter WE-CNSA**

**Interference-free data transmission in the automobile**

Waldenburg (Germany), October 13, 2022— Würth Elektronik presents WE-CNSA, an AEC-Q200 qualified common mode choke for automotive applications. The SMT component, which is only two millimeters long and 1.2 millimeter high, is available in six versions with different inductance and impedance values.

[WE-CNSA](https://www.we-online.com/katalog/en/WE-CNSA) provides signal integrity in many applications such as automotive infotainment and communications via FlexRay, IEEE 1394 (Firewire), LVDS or USB 2.0 and 3.0. The 0805 device features low resistance and a bifilar winding, meaning the two data lines run in parallel around the core. This symmetry improves the suppression of common-mode noise that can couple into data lines.

EMC specialist Würth Elektronik is now offering the filter, which achieves high common-mode noise suppression at high frequencies, from stock and is providing free samples to developers.

**Available images**

The following images can be downloaded from the Internet in printable quality: <https://kk.htcm.de/press-releases/wuerth/>

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| https://www.we-online.com/katalog/media/o639517v209 784231xxx_0805_group.jpgImage source: Würth Elektronik **The AEC-Q200 qualified current-compensated data line filter WE-CNSA from Würth Elektronik** |

About the Würth Elektronik eiSos Group

Würth Elektronik eiSos Group is a manufacturer of electronic and electromechanical components for the electronics industry and a technology company that spearheads pioneering electronic solutions. Würth Elektronik eiSos is one of the largest European manufacturers of passive components and is active in 50 countries. Production sites in Europe, Asia and North America supply a growing number of customers worldwide.

The product range includes EMC components, inductors, transformers, RF components, varistors, capacitors, resistors, quartz crystals, oscillators, power modules, Wireless Power Transfer, LEDs, sensors, connectors, power supply elements, switches, push-buttons, connection technology, fuse holders and solutions for wireless data transmission.

The unrivaled service orientation of the company is characterized by the availability of all catalog components from stock without minimum order quantity, free samples and extensive support through technical sales staff and selection tools.

Würth Elektronik is part of the Würth Group, the world market leader for assembly and fastening technology. The company employs 8,000 staff and generated sales of 1.09 Billion Euro in 2021.

Würth Elektronik: more than you expect!

Further information at www.we-online.com

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