# PRESS RELEASE

**Würth Elektronik presents its high-current inductor for automotive applications**

**No Thermal Aging**

Waldenburg (Germany), July 25, 2024 – Würth Elektronik offers [WE-LHCA](https://www.we-online.com/en/components/products/WE-LHCA) (Low Profile High Current Automotive Inductor) – a particularly flat and temperature-tough inductor in four sizes with different inductance values. The power inductors are designed for an extended temperature range
of -55 to +155°C and are constructed to avoid thermal degradation. The AEC-Q200-certified inductor is suitable for applications such as high-current power supplies, start-stop systems, power distribution modules, on-board chargers, infotainment or HVAC systems.

The WE-LHCA inductor family comprises the following sizes: 7030 (L = 0.47-22 µH), 1040 (L = 1-68 µH), 1365 (L = 1-47 µH) and 1770 (L = 4.7-82 µH). These components feature a low-profile shielded construction with a distributed air gap in iron alloy powder.

The high-current inductors are available from stock. Würth Elektronik provides developers with free samples.

**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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| **WE-LHCA: temperature-tough high-current inductor** Image source: 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, radio modules, connectors, power supply elements, switches, push-buttons, connection technology, fuse holders and solutions for wireless data transmission. The portfolio is complemented by customized solutions.

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 global market leader in the development, production, and sale of fastening and assembly materials, and employs 7,900 people. In 2023, the Würth Elektronik Group generated sales of 1.24 Billion Euro.

Würth Elektronik: more than you expect!

Further information at [www.we-online.com](http://www.we-online.com)

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