#  PRESS RELEASE

**Würth Elektronik expands its STAR-TEC and STAR-TEC LFS snap ferrite families.**

**EMC Protection – Now Also Available
for Thin Cables**

Waldenburg (Germany), March 25, 2025 – Snap ferrites, developed in-house with technology using keys for retroactive cable noise suppression, are among the products that have made Würth Elektronik so well-known. The [STAR‑TEC](https://www.we-online.com/en/components/products/WE-STAR-TEC) and [STAR-TEC LFS](https://www.we-online.com/en/components/products/WE-STAR-TEC-LFS) product families have since grown: There is now a ferrite available for cable diameters of 2 to 3 mm that features all the proven practical benefits familiar from Würth Elektronik snap ferrites.

EMC protection is becoming increasingly important for applications using smaller cable diameters as compact packages are facing more sources of interference. This makes noise suppression increasingly challenging, prompting Würth Elektronik to expand the smallest packages of the STAR-TEC and STAR-TEC LFS families in its ferrite range.

The STAR-TEC snap ferrites are used for retroactive suppression of frequency-dependent and conducted interference on single conductors in the frequency range from 1 MHz to 1 GHz. The STAR-TEC LFS series of snap ferrites were specifically designed for low-frequency applications in the 300 kHz to 30 MHz range.

Only opened with a key

The snap ferrites from Würth Elektronik are distinguished by their outstanding user-friendliness. The cable pre-fixation feature simplifies handling, and the pinching safeguard prevents assembly faults. The key, included with sample deliveries, allows the ferrites to be opened and reinstalled at any time, making EMC testing a snap. The internal lock also prevents unauthorized cable removal without the key.

No additional tools required for attachment

The new snap ferrites, designed specifically for thin cables, offer the crucial advantage of integrated cable fixation, allowing them to be attached without additional tools such as cable ties, heat shrink tubing, or adhesive tape.

The robust and compact plastic housing of the NiZn and MnZn ferrites is classified according to UL94 V0 and specified for an operating temperature range of -50°C to +105°C.

All STAR-TEC and STAR-TEC LFS snap ferrites, now available for cable diameters between 2 and 25 mm, can be ordered from stock with no minimum order quantity. Free samples are available for 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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| Image source: Würth Elektronik**WE-STAR-TEC, the well-known snap ferrites from Würth Elektronik, are now also available for cables with a diameter of just 2 to 3 mm.** |

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 passive components, power modules, digital isolators, optoelectronics, electromechanical components, thermal management solutions, sensors and wireless modules. The portfolio is rounded off by customer-specific 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 around 7,500 people. The Würth Elektronik Group generated sales of 1 Billion Euro (all figures according to preliminary results for 2024).

Würth Elektronik: more than you expect!

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

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