

**FOR IMMEDIATE RELEASE**

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## UAI 1206 “Trace in Air” Chip fuse for highest demands

Santa Rosa, California, December 14, 2018 –SCHURTER’s new UAI 1206 chip fuse offers pulse withstand and temperature resistant capabilities, together with time-lag characteristics. The evolved overcurrent protection device is ideal for applications where durability and maximum reliability are required in the smallest possible footprint.



Conventional fuses have a sort of memory; if they are exposed to pulse-shaped current peaks and high temperature fluctuations, their properties change. Every pulse makes the fuse a little weaker, every temperature fluctuation a little more susceptible. This is not so with the SCHURTER UAI 1206. Because of the special fuse construction, dubbed by SCHURTER as “trace in air” technology, the UAI’s ability to resist current pulses smaller than the melting integral (I<sub>2</sub>t) is thereby increased exponentially. The UAI 1206 has practically no de-rating to the usual extent. Additionally, the unique design of the fuse body also dampens temperature fluctuations to a high degree.

Designed to UL 248-14, the UAI 1206 was originally developed specifically for automotive applications. It is offered in two versions with rated currents of 5.3 A and 7.5 A at 32 VDC. Rated breaking capacity is 100 A. The UAI 1206 meets all requirements according to AEC-Q200. It is also suitable wherever high levels of pulse currents, high thermal fluctuations, and high mechanical loads are present. The fuse is also sealed against potting compound for use in intrinsically safe applications, such chemically exposed equipment like those found in the oil and gas, mining, first response, lighting, and medical industries.

Pricing for the UAI 1206 is \$.285 each supplied on 1,000 piece reels. The datasheet can be found at [https://us.schurter.com/en/datasheet/UAI\\_1206](https://us.schurter.com/en/datasheet/UAI_1206) and further details regarding SCHURTER’s fuses for automotive are at <https://www.schurter.com/en/Landing-Page/Industry/Automotive>. For sales and product information, contact Cora Umlauf at (800) 848-2600 or by email at [info@schurterinc.com](mailto:info@schurterinc.com).

### About SCHURTER Inc.

SCHURTER is a progressive innovator and manufacturer of electronic and electrical components to industries worldwide. The Components Division is comprised of units: Circuit Protection, Connectors, Switches, and EMC Products, including measurement services as well as the Solutions unit, which offers customers a total interdisciplinary package. Division Input Systems offers complete touchscreen solutions including displays, housings and electronics. The two divisions focus on providing clean and safe supply of power and making equipment easier to use. These core competencies bring a high degree of innovation to SCHURTER’s main markets Medical, Automotive, Energy, Data Communications, Avionics and Space, as well as the broader Industrial market.

SCHURTER meets its customers’ highest demands through certified quality, environmental and safety management systems, ISO 9001, ISO 14001, OHSAS 18001, using highly developed Six Sigma processes. Processes certified according to the Automotive Standard IATF 16949: 2016 assure AEC-Q200 qualified protection devices, while processes certified to the most demanding of standards by the European Space Agency, ESA, are also in place to assure ESCC QPL listed for use in space flight applications. Additionally, SCHURTER components are suited for use in equipment according to IEC / UL 60601-1 and IEC / UL 60601-1-11, which outlines additional safety measures specific to medical equipment intended for use in the home. Components are also suitable for use in Data Communications equipment according to IEC / UL 60950.

SCHURTER Inc., Santa Rosa, California is the exclusive North America sales and distribution office for the SCHURTER Group.