PRESS RELEASE

October 30, 2018

**New Low-profile Common Mode Choke for Noise Suppression in CAN or CAN FD Applications**

Cary, IL, USA — Coilcraft’s new [1812CAN Series](https://www.coilcraft.com/1812can.cfm) common mode chokes provide noise suppression on
CAN (1 Mbps) or CAN FD (5 Mbps) data lines in automotive and industrial automation applications. CAN Common Mode Chokes are the most commonly-used filter component to attenuate common mode noise at the CAN bus (Controller Area Network) transceiver’s output. The 1812CAN Series can also be used for the FlexRay automotive bus system.

Measuring just 4.95 X 3.18 X 3.0 mm, the low-profile 1812CAN Series is offered with inductance values from 11 to 100 µH to filter a broad range of common mode noise frequencies with high attenuation. It offers up to 60% lower DCR than other CAN bus chokes, resulting in much lower losses on differential signal lines.

The 1812CAN Series is qualified to AEC-Q200 Grade 1 standards (-40° to +125°C ambient), making it suitable for automotive and other harsh-environment applications. It features RoHS-compliant, silver-palladium-platinum-glass frit terminations and offers a maximum reflow temperature of 260°C.

Like all Coilcraft products, complete technical specifications and free evaluation samples of the 1812CAN Series are available at [www.coilcraft.com](https://www.coilcraft.com/1812can.cfm). Parts are available from stock and can be ordered on-line at [buy.coilcraft.com](http://buy.coilcraft.com/) or by calling a local [Coilcraft sales office](http://www.coilcraft.com/general/order.cfm).

For more information, contact Len Crane, +1-847-639-6400, lcrane@coilcraft.com.

**About Coilcraft**

Headquartered outside of Chicago in Cary, Illinois, Coilcraft is a leading global supplier of magnetic components including high performance RF chip inductors, power magnetics and filters. In addition to a large selection of standard components, Coilcraft also designs and builds custom magnetics to fit a customer’s exact electrical requirements.

Engineers and buyers consider Coilcraft a preferred supplier because of its reputation for quality, reliable delivery, engineering support and the superior performance of its products. In independent surveys, engineers consistently rank Coilcraft the number one magnetics company they would recommend to a friend.