PRESS RELEASE

April 7, 2020

**New High-Performance Power Inductors Reduce DC Resistance by Up To 40%**

Cary, IL, USA — Coilcraft’s new [XGL4030 Series](https://www.coilcraft.com/xgl4030.cfm) of high-performance, molded power inductors offer up to 40% lower DCR than the previous best-in-class inductors as well as extremely low AC losses, resulting in the best overall efficiency over a wide range of AC ripple current. They are ideal for DC-DC converters with switching frequencies ranging from hundreds of kHz to 5 MHz and above.

The XGL4030 features an expanded inductance range, including 18 values from 0.13 to 12.0 µH, with current ratings up to 26.5 Amps and soft saturation characteristics. It also offers a 30% increase in Irms self-heating current, allowing the XGL4030 to operate much cooler than previous-generation components.

XGL4030 Series inductors are qualified to AEC-Q200 Grade 1 standards (-40° to +125°C ambient) with a maximum part operating temperature of +165°C and exhibit no thermal aging issues, making them suitable for automotive and other harsh-environment applications. They feature RoHS-compliant, tin-silver-over-copper terminations and are halogen free. Their composite construction also minimizes audible buzzing.

As with all Coilcraft parts, free evaluation samples of the XGL4030 Series are available online at [www.coilcraft.com](http://www.coilcraft.com). For more information, contact Len Crane, +1-847-639-6400, [lcrane@coilcraft.com](mailto: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 our products. In independent surveys, engineers consistently rank Coilcraft the number one magnetics company they would recommend to a friend.