PRESS RELEASE

May 1, 2018

**Coilcraft Introduces XEL50xx Ultra Low-loss Power Inductors for High-frequency Applications**

Cary, IL, USA — [Coilcraft](http://www.coilcraft.com/) introduces its new XEL50xx Family of high-performance, molded power inductors that offer exceptionally low DC resistance and ultra-low AC losses, greatly improving power converter efficiency at high frequencies (2 to 5+ MHz) and high ripple current.

The use of high switching frequencies or high ripple current allows a corresponding lower inductance value, which results in a physically smaller part for the same electrical specs. XEL50xx Family inductors measure just 5.28 x 5.48 mm with a maximum height of 3.2 mm.

The XEL50xx Family is currently available in two models, the [XEL5020](https://www.coilcraft.com/xel5020.cfm) and [XEL5030](https://www.coilcraft.com/XEL5030.cfm). A third model, the XEL5050 is expected late Q2 2018. The XEL5020 is available in six inductance values from 0.10 to 1.0 µH, with current ratings up to 39 Amps. The XEL5030 has 10 values from 0.13 to 4.7 µH and current ratings up to 44 Amps. All models offer soft saturation characteristics to withstand high current spikes and have no thermal aging issues.

XEL50xx Family inductors are qualified to AEC-Q200 Grade 1 standards (-40° to +125°C ambient) with a maximum part temperature of +165°C, 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 XEL50xx 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.