PRESS RELEASE

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**Coilcraft Introduces High Voltage Molded Power Inductors**

Cary, IL, USA — [Coilcraft](http://www.coilcraft.com/) has expanded its market-proven XEL Family of high-performance, molded power inductors to include three new higher-voltage series: the XEL401xV, XEL4020V and XEL4030V. All three offer operating voltage ratings of 120 V, 50% higher than the standard versions. They also offer exceptionally low DC resistance and ultra-low AC losses for greater power converter efficiency at high frequencies (2 to 5+ MHz) and high ripple current.

XEL40xxV Family inductors measure just 4.0 x 4.0 mm with a maximum height of 3.2 mm and feature a rugged, composite construction that provides magnetic shielding and minimizes audible buzzing. The [XEL401xV Series](https://www.coilcraft.com/xel4012v.cfm) is available in six inductance values from 92 to 780 nH, with current ratings up to 24 Amps. The [XEL4020V Series](https://www.coilcraft.com/xel4020v.cfm) has 10 values from 0.08 to 2.2 µH and current ratings up to 33.2 Amps. The [XEL4030V Series](https://www.coilcraft.com/xel4030v.cfm) is offered in 13 values from 0.10 to 6.8 µH and current ratings up to 30.0 Amps.

All models offer soft saturation characteristics to withstand high current spikes. They are qualified to   
AEC-Q200 Grade 1 (−40°C to +125°C) standards and exhibit no thermal aging issues, making them ideal for automotive and other harsh-environment applications. They also feature RoHS-compliant, tin-silver-over-copper terminations and are halogen free.

As with all Coilcraft parts, free evaluation samples of the XEL40xxV Family 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.