PRESS RELEASE

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**Coilcraft Introduces New High-inductance Shielded Power Inductors**

Cary, IL, USA — Coilcraft’s new [XAL7050 Series](https://www.coilcraft.com/xal7050.cfm) of high-temperature power inductors is available with inductance values from 22 to 47 µH and current ratings as high as 5.5 Amps, with low DCR for greater efficiency. For lower inductance values, Coilcraft offers a lower-profile companion, the [XAL7030](https://www.coilcraft.com/xal7030.cfm), with an identical footprint and inductance range of 0.16 to 10 µH.

The XAL7050 measures just 7.2 x 7.5 x 5.0 mm and features a rugged, composite construction that provides magnetic shielding and minimizes audible buzzing. It is qualified to AEC-Q200 Grade 1 (−40°C to +125°C) standards and exhibits no thermal aging issues, making it ideal for automotive and other harsh-environment applications. Soft saturation characteristics allow the XAL7050 to withstand high current spikes.

The XAL7050 features RoHS-compliant tin-silver (96.5/3.5) over copper terminations and offers a maximum reflow temperature of 260°C. COTS Plus tin-silver-copper and tin-lead terminations are also available.

As with all Coilcraft parts, free evaluation samples and complete technical specifications for the XAL7050 are available online at [www.coilcraft.com](https://www.coilcraft.com/xal7050.cfm). Parts are available from stock and can be ordered online at [buy.coilcraft.com](http://buy.coilcraft.com/) or by calling [Coilcraft sales](http://www.coilcraft.com/general/order.cfm).

For more information about the XAL7050 Series, 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 our products. In independent surveys, engineers consistently rank Coilcraft the number one magnetics company they would recommend to a friend.