PRESS RELEASE

January 23, 2018

**New 0402-sized Ceramic Chip Inductors Provide Q Factors up to 162 at 2.4 GHz**

Cary, IL, USA — Coilcraft’s new [0402DC Series](https://www.coilcraft.com/0402dc.cfm) ceramic wirewound chip inductors offer the industry’s highest Q factors in an 0402 (1005) size – up to 162 at 2.4 GHz – for super low loss in high frequency circuits. It is offered in 26 standard inductance values ranging from 3.0 to 120 nH. An additional 73 values are available upon request, including 0.1 nH increments from 2.8 nH to 10 nH. Most values are available with 2% tolerance.

The 0402DC Series features a wirewound construction for extremely high self resonance – up to 16 GHz. It also offers DCR as low as 37 mΩ, significantly lower than other 0402-sized chip inductors.

0402DC Series chip inductors are ideal for impedance matching circuits for low band (700 – 960MHz) and high band (1710 – 2700MHz) antennas. Its 0402-sized package is perfect for smartphones and tablets.

0402DC Series inductors feature RoHS compliant, matte tin over nickel over silver-platinum-glass frit terminations and offer a maximum reflow temperature of 260°C.

Like all Coilcraft products, complete technical specifications and free evaluation samples of the 0402DC Series are available at [www.coilcraft.com](https://www.coilcraft.com/0402dc.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 our products. In independent surveys, engineers consistently rank Coilcraft the number one magnetics company they would recommend to a friend.