PRESS RELEASE

August 27, 2019

**Coilcraft Releases Two New Low-profile 0402-sized Chip Inductors**

Cary, IL, USA — Coilcraft has introduced two new series of low-profile wirewound chip inductors: the [0402CT Series](https://www.coilcraft.com/0402ct.cfm) and the [0402FL Series](https://www.coilcraft.com/0402fl.cfm).

The 0402CT Series features a ceramic core and has a maximum height of just 0.45 mm — a 30% lower profile than competitive products. Offered in 23 inductance values from 1.2 to 56 nH (with, 5%, 3% or 2% tolerance), the 0402CT provides excellent Q Factor performance – up to 84 at 2.4 GHz. It also offers self-resonant frequencies as high as 27.5 GHz and current ratings up to 2.3 Amps (Irms).

The ferrite-core 0402FL Series has a maximum height of 0.55 mm and is offered in 16 inductance values from 20 to 560 nH. It is ideal for use as a one-pole filter or RF choke in cellular bands, and can be used in both mobile and infrastructure equipment. The 0402FL’s ferrite construction provides high current handling — up to 1.3 Amps (Irms) — with extremely low DCR.

Both the 0402CT and 0402FL feature RoHS compliant, matte tin over nickel over silver-platinum-glass frit terminations and withstand a maximum reflow temperature of 260°C.

Like all Coilcraft products, complete technical specifications and free evaluation samples of the 0402CT and 0402FL Series are available at [www.coilcraft.com](https://www.coilcraft.com). 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.