PRESS RELEASE

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**Coilcraft’s New Power Inductor Selection Tool Provides Significantly More Performance Data**

Cary, IL, USA — [Coilcraft](http://www.coilcraft.com) has launched a new suite of Power Inductor Selection Tools that allows users to easily select the appropriate path for their particular search while also providing more application-specific performance data than previously available on any industry site.

Len Crane, Coilcraft’s Director of Technical Marketing, will be previewing the tool this week at the [Applied Power Electronics Conference](http://www.apec-conf.org/) (APEC 2017) in Tampa, Florida. Mr. Crane’s exhibitor seminar, titled “*New Power Inductor Selection Process for Best Power Converter Performance*,” will be held Wednesday (3/29) at 10:30 A.M. in Room 13.

Entering the new tool, users are offered four paths depending on whether they need inductors for a known converter topology, a specific IC they want to use, an existing set of inductor specifications, or they simply want to compare inductors they have already chosen. Regardless of which path they take, the tool provides a complete list of off-the-shelf inductors that meet the defined specifications. The sortable results page includes standard datasheet performance specifications (e.g., inductance, Isat, Irms, temperature rating, and dimensions), as well as a variety of application-specific data such as DCR @ temperature, total losses and part temperature.

Users can now conduct deeper analysis by creating on-demand charts for up to six parts under actual operating conditions. These graphs include ***CCM and DCM waveforms***, ***L vs. Ipeak Current***, ***Temp Rise vs. Irms Current***, ***Losses + Temperature Rise***, ***Total Losses vs. Vin***, and ***Total Losses vs. Frequency***. Loss comparisons include Core + AC Winding loss and DCR loss. The tool also allows users to explore losses further with ***Losses vs. Ripple*** and ***Losses vs. Frequency*** graphs, which also highlight when parts exceed their maximum temperature rating.

The user experience of the new tool has been enhanced with the ability to move and delete columns, adjust the ambient temperature for dynamic results and filter parts by core material, part mounting, shielding and AEC qualification.

Users can access Coilcraft’s new Power Inductor Finder at: <http://www.coilcraft.com/apps/power_tools/>

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.