

API Delevan Announces the Launch of the C0603 Series of Wirewound Chip Inductors for use in Commercial Applications.

Continuing to innovate using their extensive Aerospace & Defense knowledge and design expertise, API Delevan has created a high reliability commercial grade wirewound inductor for today's marketplace.

East Aurora, NY, July 20, 2016: API Delevan has extended its 0603 sized family of wirewound surface-mount chip inductors with the introduction of the C0603 series for use in commercial applications.

The miniaturized chip inductors are manufactured and tested in the USA for a high level of reliability, and are offered in inductance ranges of 1.6 nH to 390 nH. The C0603 series features ultra-high Self Resonant Frequencies along with Q factors of 13 to 38, which provide stable inductor performances into the multi GHz range.

Designed with high-temperature ceramic cores and magnet wire for excellent temperature stability and mechanical ruggedness, the new C0603 inductors are rated for an operating temperature range of -40 °C to +125 °C and are AEC-Q200 Grade 1 compliant. The series is available with Gold terminations for use with epoxy bonded or solderable applications.

“By leveraging our extensive aerospace and defense experience, API Delevan is able to satisfy a growing market need for value-based, high reliability inductors in an ultra-small package size that are designed for commercial applications.” said Kevin Heffler, General Manager of API Delevan. The C0603 joins API Delevan's growing portfolio of miniaturized chip inductors, which already includes a Space rated version. A high reliability 0603 version, for use in critical applications, is also currently in development and will be released later this year.

Sample and production quantities of 1 to 10,000 pieces of the C0603 inductors are now available direct from the factory or via our authorized distribution channel.

API Delevan, an ISO9001:2008 & AS9100 certified company, is a global leader in the manufacture and development of coil winding electronic technologies and continues to maintain the industry's most extensive offering of High Reliability and Military QPL products.

API Delevan specializes in markets that demand technical innovation & performance, while providing superior engineering expertise, solutions and service.

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