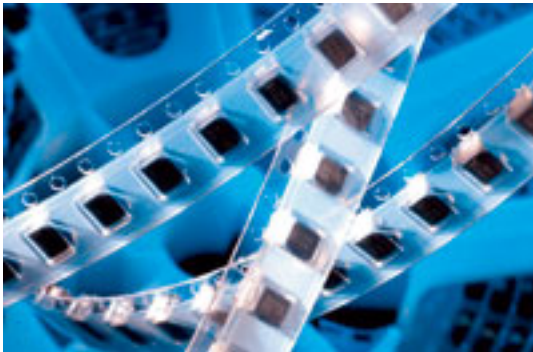


SMT Wirewound Inductor



Cal-Chip Electronics introduces the NL series of molded chip wirewound inductors. Offered in standard EIA sizes 1008 (NL2520), 1210 (NL3225), and 1812 (NL4532), the series' packages are compatible with high-speed pick-and-place assembly equipment, and are suitable for high-temperature flow or reflow soldering processes. The inductors feature metal tab electrodes to ensure leaching resistant terminations, and coils encapsulated in heatproof resin for desirable resistance to thermal shock, moisture, mechanical shock and vibration. Available in lead-free/RoHS-compliant part numbers, these lightweight devices are engineered to optimize performance and manufacturing efficiencies while maximizing design flexibility on high-density, PC boards. Due to their small-footprint wirewound chip design, the NL series inductors may be specified for use in a broad array of appliances, instrumentation, and onboard automotive equipment, including car audio. Additional applications include such audio/video equipment as TVs and VCRs, as well as such hand-held consumer products as mobile phones and PDAs. The NL Series offers an inductance range of .01 to 1000 microhenry, with inductance tolerances of $\pm 5\%$, $\pm 10\%$ and $\pm 20\%$.

Cal-Chip Electronics, Inc.

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http://www.wirelessdesignmag.com/product-releases/2005/12/smt-wirewound-inductor?qt-digital_editions=0