

Business Overview

The Ferrite and Applied Products segment develops products used in power circuits and high frequency circuits with a primary focus on products using ferrite materials and the MCOIL™ metal power inductors using metallic magnetic materials.

Business Performance in the Year Ended March 2014

Net sales increased 22.0% year over year to ¥34,745 million as sales growth of products for tablets and other information equipment, for smartphones and other communications equipment, and for automotive and industrial equipment, which more than offset a decline in product sales for TVs and other consumer products.

Key Initiatives in the Year Ended March 2014

In multilayer chip inductors, the Group reinforced its lineup of multilayer MCOIL™ metal power inductors for use in smartphone and tablet devices amid the expanding markets and began preparations for mass production of EIA0805 (2.0 mm × 1.25 mm) inductors. We continued improving the inductance properties of our high-frequency multilayer inductors for mobile devices, including mass-producing the industry's highest-level EIA0201 (0.6 mm × 0.3 mm) and EIA01005 (0.4 mm × 0.2 mm) inductors with enhanced Q factor. We also commercialized EIA0202 (0.65

mm × 0.55 mm) small common-mode choke coils for noise suppression components in smartphones.

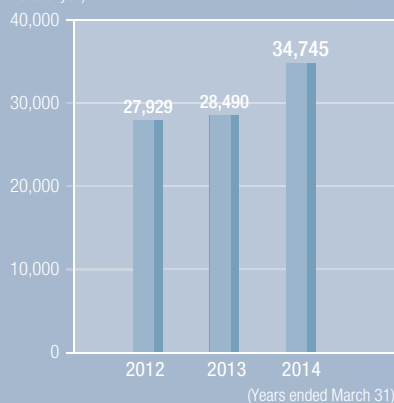
We expanded our lineup of wire-wound chip inductors with wire-wound MCOIL™ inductors with low inductance of 1 μH or lower and high inductance up to 10 μH. The addition of EIA0603 (1.6 mm × 0.8 mm) and EIA0805 products expanded this product offering to 14 different inductor sizes.

Initiatives Ahead

The Group will accelerate development of super high-end products to better meet customer needs. We are particularly focusing on power inductors, where we will enhance the lineup of MCOIL™ products, advancing strategic market introductions and expanding production capacity. We are also preparing to add EIA01005-size products to the lineup of high frequency, high-Q multilayer chip inductors and ultra-small multilayer chip inductors. As with the capacitors production and similar to capacitor operations, we will maximize the use of and enhance production efficiency at overseas bases.

Net sales

(Millions of yen)



Main Products

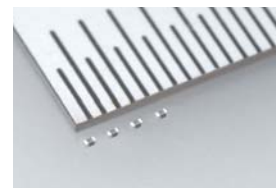
MCOIL™ metal power inductors, wire-wound inductors, multilayer chip inductors, and all types of inductors



MCOIL™ metal power inductors



High-Q multilayer chip inductors for high frequency applications



Ultra-small multilayer chip inductors