

The Ferrite and Applied Products segment focuses on developing the MCOIL™ line of metal power inductors and high frequency inductors.

Business Performance in the Year Ended March 2015

Net sales at the segment rose 20.4% year on year to ¥41,834 million on sales growth for products for information, communications, automobiles, and industrial equipment while sales declined for consumer products.

Key Initiatives in the Year Ended March 2015

In multilayer chip inductors, we are reinforcing our lineup of MCOIL™ metal power inductors used in DC-DC converters for smartphones and other devices. In EIA 0603 size (1.6 mm × 0.8 mm) and EIA 0805 size (2.0 mm × 1.25 mm) inductors, mass production commenced of inductors with double the rated current of previous models and ultra-thin low-profile inductors at a thinness of 0.6 mm.

In high-frequency multilayer inductors for mobile device high-frequency circuits, the business started mass-production of EIA 0201 size (0.6 mm × 0.3 mm) and EIA 01005 size (0.4 mm × 0.2 mm) inductors with enhanced Q-values, while continuing to improve inductance values. We are also developing our EIA 0202 size (0.65 mm × 0.55 mm) small common-mode choke coils for noise suppression components in smartphones.

For our lineup of wire-wound inductors, we worked to

expand our MCOIL™ to lineup as well as to develop and commercialize the MA series of high-spec inductors for compact, larger rated current needs. In pace with the trend for low inductance products, we also improved and broadened our offerings of 1 μ H and under products.

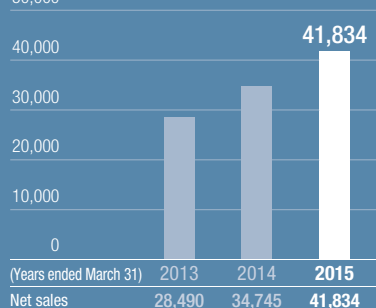
Future Initiatives

We will accelerate development of super high-end products in line with customer needs for multilayer chip and wire-wound inductors. In power inductors, the business will strengthen its lineup of MCOIL™ products based on metallic materials that are more compact with higher rated currents, introduce uses for strategic markets, and expand production capacity. It will also enhance its lineups of high frequency, multilayer high-Q chip inductors and ultra-small multilayer chip inductors.

The production system will put overseas production bases to full use while working to achieve high production efficiency across all production sites in Japan and overseas. We are also working to reconfigure our production structure to meet rising demand for smartphones and other growth devices and in target markets such as automobile electronics.

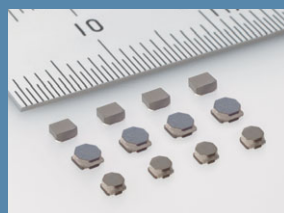
Net Sales

(Millions of yen)

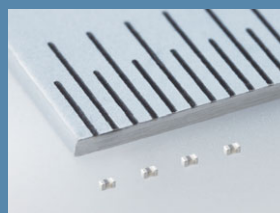


Main Products

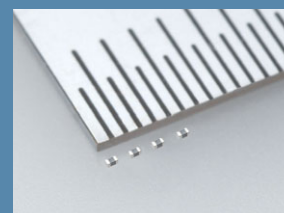
MCOIL™ metal power inductors, wire-wound inductors, multilayer chip inductors, and many other types of inductors



MCOIL™ metal power inductors



High-Q multilayer chip inductors for high frequency applications



Ultra-small multilayer chip inductors