

Murata in Daily Life

We Work to Support Electronics in Society from Behind the Scenes

The electronic components made from Murata's creative technologies are embedded in the unseen parts of electronic products. But these small, inconspicuous products play a big role, making life more comfortable, convenient, and secure. Murata electronic components are working hard behind the scenes.



Ultrasonic Sensors



Automobiles

Ultrasonic sensors increase drivability, environmental performance, and safety, working as resonators for LAN systems—a car's "nervous system"—and as obstacle detectors in rear sonar systems.



Digital Cameras

No more blurry pictures caused by camera shake when the shutter release button is pressed. Gyro sensors make this technology possible.

Gyro Sensors



Computers

Chip monolithic ceramic capacitors, which deliver stable power supply to the micro processing unit at the heart of a computer, electromagnetic noise suppression filters for circuits, and cards for wireless communications contribute to computer compactness, performance, and multifunctionality.



Chip Monolithic Ceramic Capacitors

Murata's electronic components are packed tightly into various types of electronic products. For example, monolithic ceramic capacitors are in practically every electronic device, storing power, interrupting DC power and conducting AC power. A mobile phone has over 200 of these components, and a computer more than 700.

In this way, Murata electronic components enhance the

performance, features, miniaturization, and safety of products used around the world, such as mobile phones, computers, automobiles, and digital home electronics.

Murata's revolutionary technology and stable supply of electronic components play a supporting role for electronics companies and for people in their daily lives.

Company Outline

Trade Name	Murata Manufacturing Co., Ltd.
Date of Incorporation	December 23, 1950 (Established October 1944)
Paid-in Capital	¥69,377 million (as of March 31, 2008)
Stock Exchange Listings	Japan: Tokyo, Osaka Overseas: Singapore
Location	Headquarters: 10-1 Higashikotari 1-chome, Nagaokakyo City, Kyoto 617-8555, Japan
Branch	Tokyo Branch (Shibuya-ku, Tokyo)
Plants and Technical Center	Yokaichi Plant (Higashiomi, Shiga) Yasu Plant (Yasu, Shiga) Yokohama Technical Center (Midori-ku, Yokohama) Nagaoka Plant (Nagaokakyo, Kyoto)
URL	http://www.murata.co.jp/

Major Products by Application

Mobile Communications

Chip dielectric antennas, boundary acoustic wave filters, SAW filters, SAW duplexers, SWITCHPLEXER®, Bluetooth® modules, GPS modules

Computers

Chip ferrite beads, EMIFIL®, chip coils, chip common mode choke coils, monolithic ceramic capacitors, low-ESL capacitors, PHS communication cards, shock sensors

Automotive Electronics

Ceramic capacitors for medium voltage, ultrasonic sensors, ceramic discriminators for TPMS, SAW resonators, ceramic filters (CERAFIL®), ceramic resonators (CERALOCK®) for CAN-BUS

Digital Home Electronics

Piezoelectric vibrating gyroscopes (GYROSTAR®), terrestrial digital tuners for mobile phones, switching power supplies for flat panel displays, DC-DC converters, Wi-Fi modules

Flat-Screen TVs

Murata's power supply design technology has made possible ultra-slim power supplies, contributing to the compactness of flat-screen TVs.

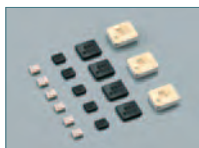


Switching power supply for flat-panel TVs



Mobile Phones

We provide key technology for mobile phones, including internal antennas, filters that extract only the desired input/output signals, transmission/reception switches, and communications modules.



Filters



Communications Modules

