About Murata

History of value provision

The evolution of electronics has been enriching people's lives and realizing various dreams. Murata's electronic components have been among the driving forces of that history. What was necessary for that era? What symbolized dreams for the next era? It can be said that electronic components represent the times, and such items also quietly begin to tell of the future.







MURATA BOY and MURATA GIRI

1950s

Spread of black-and-white television and expansion of telegraph and telephone market

Murata Manufacturing Co., Ltd. established 1953 Began manufacturing ceramic disc ca-

1955-56 Established Murata Technology Research Laboratory Co. and moved thereto

Launch of ceramic semiconductors "PO- PTC thermistors SISTOR" PTC thermistors



"POSISTOR"

1960s

Launch of color television broadcasting and increased

demand for electronic components as the Tokyo Olympics drove economic growth

Commercialization of ceramic filters for communications equipment

Launch of multilayer ceramic capacitors 1966 1967-69 Established mass production system of multilayer ceramic capacitors



Multilayer ceramic capacitors

1940s

Establishment

Spread of communication equipment after the start of commercial radio broadcasting

1944 Murata Manufacturing founded 1949 Japan's first mass production of temperature compensating barium titanate ceramic capacitors for radios



07

Barium titanate ceramic capacitor

1970s and 1980s

CB transceiver boom in the US, and expansion of markets for audio-visual equipment, car phones (mobile phones), and information equipment in Japan

1975 Launch of GIGAFIL dielectric filter for microwave

Commercialization of ceramic resonator CERALOCK

Around 1986 Commercialization of chip

ferrite beads

1989 Commercialization of multilayer LC filters

Chip ferrite beads

1990s and 2000s

Arrival of the age of the Internet owing to the miniaturization of mobile phones and the spread of personal computers

Commercialization of Around 1997

SWITCHPLEXER

Around 2000 Commercialization of Blue tooth® modules 2004

Development of multilayer ceramic capacitor in 0402

(0.4×0.2mm) size 2005 Commercialization of MEMS



Expansion of telecommunications field centered on smartphones, and progress in the vehicle electrification

2012 Development of multilayer ceramic capacitor in 0201 (0.25×0.125mm) size

2017 Enhancement and reinforcement of battery business



Multilayer ceramic capacitors

2010 and after

1,575.0 billion yen

77,571 persons

modules

■ Net sales • Number of employees at end of year * Consolidated basis

1944 1950 1960 1970 1980 1990 2018 (FY)