

# Changes to Part Numbers

TAIYO YUDEN will implement changes to the part numbers of our products. By changing the part numbers, we will be able to clarify the target market and equipment in which our products are used, and recommend our customers appropriate products for their intended purposes as possible. In addition, in making the changes, we have established new common rules that will make it easier for our customers to understand and search for part numbers and recommended applications of our products.

※Start shipping samples and accepting orders using the new part numbers : **From October 1, 2021**

※Start shipping our products with the new part numbers : **From April 1, 2022 (estimated)**

When ordering our products newly used by you, please check the explanatory materials for the part numbering system, precautions for use, etc. and use the new part numbers of the corresponding products.

## 1. New Part Numbering System

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Set the Numbers for Each Product															

New Common Rules

- 1 Product Group : Indicates the product group, such as multilayer ceramic capacitors and inductors.
- 2 Category : Indicates the recommended applications, such as automotive electronic equipment, industrial equipment, and general electronic equipment for consumer.
- 3 Type : Indicates the product type, such as the shape and functions of each product.
- 4 Features / Characteristics : Indicates the features and characteristics for each product.
- 5 ~ 20 : See the following Section 2 "Part Number for Each Product"

1st digit		2nd digit		3rd digit	4th digit	5th to 20th digits
Code	Group	Code	Category	Type	Features	Specifications
M	Multilayer Ceramic Capacitors	A	Automotive Electronic Equipment (Powertrain, Safety)	Set the type of shape, function, etc. for each product.	Set the features, characteristics, etc. for each product.	Set the specifications, internal code, etc. for each product.
L	Inductors / Ferrite Bead Inductors	C	Automotive Electronic Equipment (Body & Chassis, Infotainment)			
T	Ceramic RF Devices	B	Telecommunications Infrastructure and Industrial Equipment			
F	FBAR/SAW Devices for Mobile Communications	M	Medical Devices classified as GHTF Class C (Japan Class III)			
R	Energy Devices (Super Capacitors)	L	Medical Devices classified as GHTF Classes A or B (Japan Classes I or II)			
		S	General Electronic Equipment for Consumer			

## 2. Part Number for Each Product

### Multilayer Ceramic Capacitors

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Rated Voltage	Dimensions	Thickness	Dimensional Tolerance	Temperature Characteristics	Capacitance	Capacitance Tolerance	Packaging	Internal Code							

### Inductors (large type)

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Structure	Dimensions	Operating Temperature	Packaging	Nominal Inductance	Inductance Tolerance	Internal Code									

### Inductors (small type)

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Structure / Features	Dimensions	Packaging	Nominal Inductance	Inductance Tolerance	Internal Code										

### Ferrite Bead Inductors

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Structure / Features	Dimensions	Packaging	Nominal Inductance	Inductance Tolerance	Internal Code										

### Ceramic RF Devices

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Series	Dimensions	Thickness	Frequency	Electrode Type	Internal Code	Packaging	Special Code								

### FBAR/SAW Devices for Mobile Communications

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Features / Characteristics	Series	Dimensions	Thickness	Frequency	Internal Code	Custom Code	Packaging									

### Energy Devices (Super Capacitors)

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New Part Number	Product Group	Category	Type	Series (Features)	Capacitance	Rated Voltage	Diameter	Length	Forming Symbol	Internal Code										

※The "Part Number for Each Product" listed herein is just an example and not a description of all the product types we sell. For other products, please contact an TAIYO YUDEN's official sales channel.