

TAIYO YUDEN

TAIYO YUDEN (U.S.A.) INC

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Product Change Notice for TAIYO YUDEN (U.S.A.) INC Distributors

DATE: September 15th, 2022

RE: Product Change Notice regarding new TAIYO YUDEN part numbers

REF NO.: UTY-PCN22-01D

TAIYO YUDEN has implemented changes to its part numbers. This part number change helps clarify the target market and equipment in which our products are used and ensures the appropriate products are recommended for their intended applications. There is no change to fit, form, or function with these new part number changes.

With this part number change, new standardized rules have been established that will make it easier for our customers to understand and search for part numbers and recommended applications of our products. TAIYO YUDEN understands this transition may have initial challenges for our customers, but this should ultimately help streamline the design-in process, especially for customers using our high reliability grade products.

TAIYO YUDEN will continue to support orders for the previous part numbers while customers transition to the new part numbers.

Please refer to the following appendixes for more information on these changes.

Appendix 1 - TAIYO YUDEN New Part Number Guide

Appendix 2 - TAIYO YUDEN New Part Number Product Grades

Appendix 3 - UTY-PCN22-01D Complete Part List

NOTE: The information in this notice is applicable only to TAIYO YUDEN (U.S.A.) INC distribution sales channels. Discontinuation and promotional status changes, change schedules, and availability may vary in other regions. Please contact the TAIYO YUDEN sales office responsible for sales in your country for details on this notice.

Issued by TAIYO YUDEN (U.S.A.) INC
Distribution Sales Department

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															



- 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"

Code	1st digit Group	Code	2nd digit Category	3rd digit Type	4th digit Features	5th to 20th digits 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 Impedance	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.

UTY-PCN22-01D - Appendix 2 - TAIYO YUDEN New Part Number Product Grades

With TAIYO YUDEN's new part numbering system, the application and quality grade has been incorporated to help clarify the target market and equipment in which our products are used and ensures the appropriate products are recommended for their intended applications. There is no change to fit, form, or function with these new part number changes.

The 2nd character in the new part numbers will denote the application category (A, C, B, M, L, S).

The Quality Grade (1 – 3), is determined by the application category, with 1 being the highest quality grade.

Ex: **M**SASP063EB5475MFNA01 (Consumer, General Electric Equipment, Quality Grade 3)

Ex: **L**CXND3030QKT1R5NNG (Automotive, Body & Chassis, Infotainment, Quality Grade 2)

Application	Product Series		Quality Grade
	Equipment ^{*1}	Category (Part Number Code ^{*2})	
Automotive	Automotive Electronic Equipment (POWERTRAIN, SAFETY)	A	1
	Automotive Electronic Equipment (BODY & CHASSIS, INFOTAINMENT)	C	2
Industrial	Telecommunications Infrastructure and Industrial Equipment	B	2
Medical	Medical Devices classified as GHTF Class C (Japan Class III)	M	2
	Medical Devices classified as GHTF Classes A or B (Japan Classes I or II)	L	3
Consumer	General Electronic Equipment	S	3

For a complete explanation of the new part numbering system, please reference **Appendix 1 - TAIYO YUDEN New Part Number Guide**

*Table Notes:

- 1) Based on the general specification required for electronic components for such equipment, which are recognized by TAIYO YUDEN, the use of each product series for the equipment is recommended. Please contact TAIYO YUDEN before using our products for equipment other than those covered by the product series.
- 2) The 2nd character in the new part number is the "Category" code for the related application and equipment.

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BRHL25181R2M	LSQP2518151R2M		LLQP2518151R2M		
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BRHL25181R7M	LSQP2518151R7M		LLQP2518151R7M		
BRHL1608100M	LSQP160807100M		LLQP160807100M		
BRHL1608150M	LSQP160807150M		LLQP160807150M		
BRHL16081R0M	LSQP1608071R0M		LLQP1608071R0M		
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BR20121R60M	LSQP20121016R0M		LLQP20121016R0M		
BR20121R68M	LSQP20121016R8M		LLQP20121016R8M		
BR20121R47M	LSQP20121014R7M		LLQP20121014R7M		
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