

An oval-shaped label with a black border containing the text "PC version".

PC
version

Operating instruction of "TY-COMPAS"

**"TY-COMPAS" is a web tool providing our technical data altogether on our website.
It will support your design.**

■ You can go to TY-COMPAS from some entrances of our main site TOP page and product information page.

『TY-COMPAS (Taiyo Yuden COMPOnent Assist System)』 is the system containing the function of searching and displaying the latest specifications , characteristics , detailed information of the Taiyo Yuden products in real time on Web site.

【Features】

- 1 . Just preparing internet environment, you can check the latest information of our products without downloading software.
- 2 . You can search various kind of Taiyo Yuden products specifying detailed conditions. Then you can compare the results using specifications table and Charts.
- 3 . Taking the usability into account from the point of view of engineers, TY-COMPAS prepares a lot of useful functions such as detailed information for every component, your own customized component list, saving menu of component list, etc.

Mar. 2025
Equipment Sales Planning
Dept.
Sales Headquarters
TAIYO YUDEN CO.,LTD.

To the TY-COMPAS <from “TOP page” <https://www.yuden.co.jp/>>

<https://www.yuden.co.jp/en/>

TAIYO YUDEN

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Product Search

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Region

☒ North America

☐ Europe

☐ Asia Pacific

☐ Other Regions

Part Number

Part Number

Category

Select

Product Quality Guide

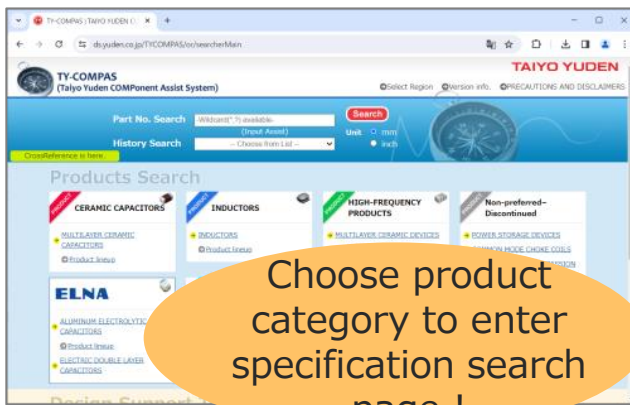
Distributor Inventory Search : [North America](#) / [Europe](#) / [Asia Pacific](#) / [Other Regions](#)

TAIYO YUDEN

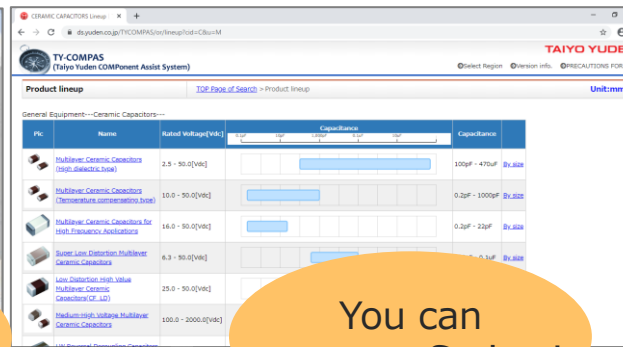


TY-COMPAS <OUTLINE>

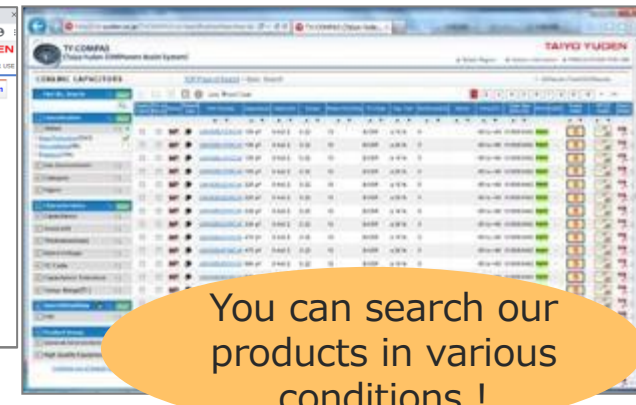
TY-COMPAS TOP page



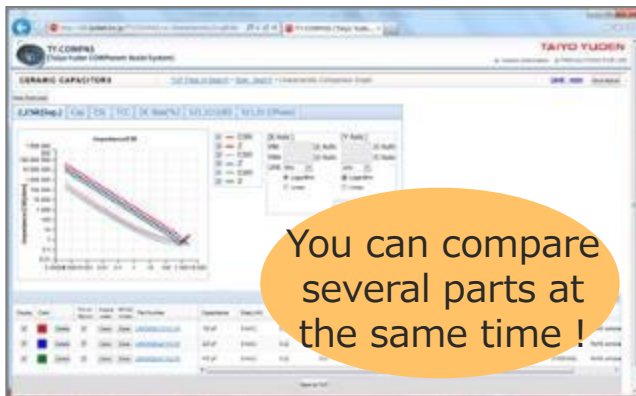
Product lineup



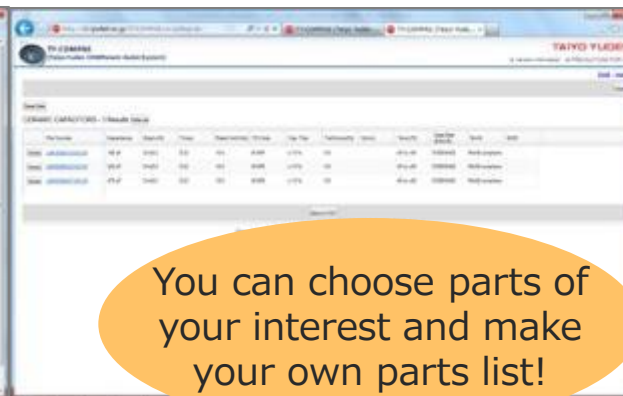
Specification Search



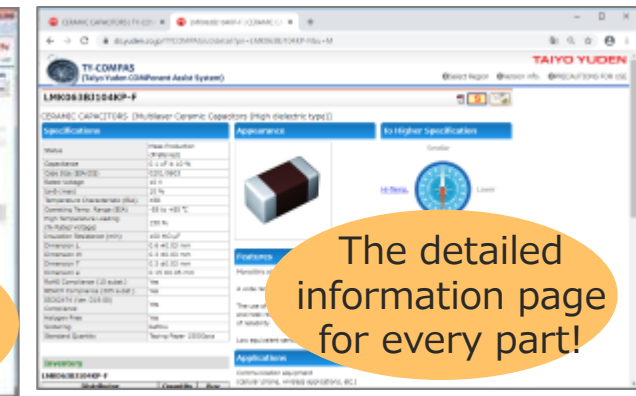
Display Charts



MyList



Part Detail Information



You can search our products in various conditions, view their characteristics on the chart, register your favorite components to "My List" and also make access to the detailed information page for an individual component that you like!

TY-COMPAS "TOP page"

CrossReference

Equivalent part search by specifying products of other companies.

CrossReference here.

(Component Assist System)

Part No. Search

-Wildcard(*,?) available-
(Input Assist)

History Search

-- Choose from List --

Part No. Search

Input Taiyo Yuden part number then click the "Search". The search results are displayed. You can use wildcard.

History Search

Display previously searched Part No.

TAIYO YUDEN

PRECAUTIONS AND DISCLAIMERS

Products Search

CERAMIC CAPACITORS

→ CERAMIC CAPACITORS

Product lineup

Click

ELNA

→ ALUMINUM ELECTROLYTIC CAPACITORS

→ Product lineup

→ ELECTRIC DOUBLE LAYER CAPACITORS

INDUCTORS

→ INDUCTORS

→ Product lineup

NOISE SUPPRESSION COMPONENTS

→ FERRITE BEAD INDUCTORS

→ Product lineup

PRODUCTS

→ MULTILAYER CERAMIC DEVICES

→ FBAR/SAW DEVICES for COMMUNICATIONS

→ CHIP ANTENNAS

Discontinued

→ POWER STORAGE DEVICES

→ COMMON MODE CHOKE COILS

→ MULTILAYER EMI SUPPRESSION FILTERS

Product lineup

A list of each product lineup is displayed.

Products Search

Click the product which you like. Then, the product page is Displayed.

Design Support Tools

Design Support Tools

Click each Design Support Tool when you need.

TOOL

→ Easy PDN Tool



This is an easy-calculation tool for

TOOL

→ Simulator of EMC Components



You can download the TAIYO

TOOL


→ Component Library



You can download the

TAIYO YUDEN

TY-COMPAS "Specification Search" <e.g. Ceramic Capacitors>



























**TY-COMPAS**
(Taiyo Yuden COMPONENT Assist System)

Version info. PRECAUTIONS FOR USE

CERAMIC CAPACITORS TOP Page of Search > Product lineup > CERAMIC CAPACITORS 1 - 20count (total5577count)

Part No. Search clear
-Wildcard(*,?) available-
Classification clear
Status
Mass Production (Preferred) (5577) ☒
Non-preferred (936) ☐
Phaseout (41) ☐
Discontinued (0) ☐
Use Environment ☐
Category ☐
Figure ☐
Characteristics clear
Capacitance ☐
Size(LxW) ☐
Thickness(max) ☐
Thickness(typ) ☐
Rated Voltage ☐
Temp. Characteristic ☐
Capacitance Tolerance ☐

mm inch
1 go 1 2 3 4 5 6 7 8 9 10 > >>

Display Charts	Put on MyList	Status	General view	Part Number	Capacitance	Size(LxW)	T(max)	Rated Volt. [Vdc]	Temperature Characteristic	Cap. Tole.	Temp.[°C]	Case Size (EIA/JIS)	RoHS	Q200	S-parameter
<input type="checkbox"/>	<input type="checkbox"/>	MP		PMK063EBJ475MP-F	4.7 uF	0.6x0.3	0.55	2.5	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063ABJ1105KP-F	1 uF	0.6x0.3	0.35	6.3	X5R	± 10 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063BJ474MP-F	0.47 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063BJ334MP-F	0.33 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063BJ224KP-F	0.22 uF	0.6x0.3	0.33	6.3	X5R	± 10 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063BJ224MP-F	0.22 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063BJ104KP-F	0.1 uF	0.6x0.3	0.33	6.3	X5R	± 10 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		JMK063BJ104MP-F	0.1 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		LMK063BBJ1105MP-F	1.1 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		LMK063BBJ474KP-F	0.47 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		LMK063BBJ474MP-F	0.47 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		LMK063BBJ224KP-F	0.22 uF	0.6x0.3	0.33	6.3	X5R	± 10 %	-55 to +85	0201/0603	RoHS	-	
<input type="checkbox"/>	<input type="checkbox"/>	MP		LMK063BJ224MP-F	0.22 uF	0.6x0.3	0.33	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS	-	

Selection/cancel : Check it which you need.
Initialization : Using "clear" button or "●" button.

By clicking these buttons, you can switch ascending and descending order of each item.

You can compare specifications at this table.

Lots of search functions

Numbers of searched parts are indicated.

TY-COMPAS Lots of search functions <e.g. Ceramic Capacitors>

Lots of search functions

Characteristics clear

Capacitance
Match ☒ Range Unit: uF

Size(LxW)
Match ☒ Range Unit: mm

Thickness(max)
Match ☒ Range

Thickness(typ)
Match ☒ Range

Rated Voltage
Match ☒ Range

Classification clear

Status ☒ **Mass Production (Preferred)** (6000) ☒

Category

- Auto. (Body Info.) (1532)
- Industrial/ Medical (1268)
- High Dielectric (3438)
- Temp. Compensating (1250)
- High-Frequency (1135)
- Low ESL (102)
- Super Low Distortion (84)
- Low Distortion High Value (20)

Figure

- MD (5471)
- Terminal) (456)
- (LW Rev.) (102)
- ied (0)

Part Number Search

Select classification condition

Selection/cancel :
Check it which you need.
Initialization :
Using "clear" button or "●" button.

You can choose reasonable parts by specifying the range of characteristics.

You can also search components by specifying characteristics such as DC bias and/or ESR values.

Search Detail Data clear

ESR
Match ☒ Range
Frequency ~ MHz

ESR ≥ ohm

You can search components from Product lineup.

Arranging search functions

SearchDetailData clear

DC Bias (C)

ESR

Clear All Condition

Product lineup clear

- (S)General Equipment (Including Mobile Devices)
- (A)Auto. (Powertrain, Safety)
- (C)Auto. (Body,Info.)
- (B)Telecom-Infrastructure, Industrial
- (L)Medical devices (International Classification Class I and II)
- (E)Only for Mobile Devices

You can customize the order of search functions by drag and drop.

[Clear the layout of the search condition](#)

Return to the default order.

TY-COMPAS "Specification Search" Item Selection to display

The screenshot shows the 'Specification Search' interface in TY-COMPAS. On the left, there are filters for 'Classification' (Status: Mass Production, Non-preferred, Phaseout, Discontinued, Under Development) and 'Applications' (General Equipments, Auto. Powertrains, Auto. Body, Infotainment, Telecom, Medical, etc.). The main area is titled 'Display item change' and contains a grid of checkboxes for various specifications. Two buttons, 'Select all' and 'Default', are located at the top of this grid. A red box highlights the grid of checkboxes. A search bar at the bottom right shows 'go 1 2 3 4 5 6 7 8 9 10 > >>'. The background shows a table of search results with columns for Part Number, Previous Part Number, Capacitance, Size(LxW), and T(max).

Clicking "Select All" button marks all checkboxes.

Clicking "Default" button marks default checkboxes.

Display item change

☒ Select all ☐ Default

☒ Apps. ☒ Part Number ☒ Previous Part Number ☒ Capacitance
☒ Size(LxW) ☒ T(max) ☒ Rated Volt.[Vdc]
☒ Temperature Characteristic ☒ Cap. Tole. ☒ tanδ(max) [%]
☒ Q(min) ☒ Temp.[°C] ☐ Case Size(EIA/JIS) ☒ Dimension L
☒ Dimension W ☒ Dimension ☒ Standard Quantity

Option

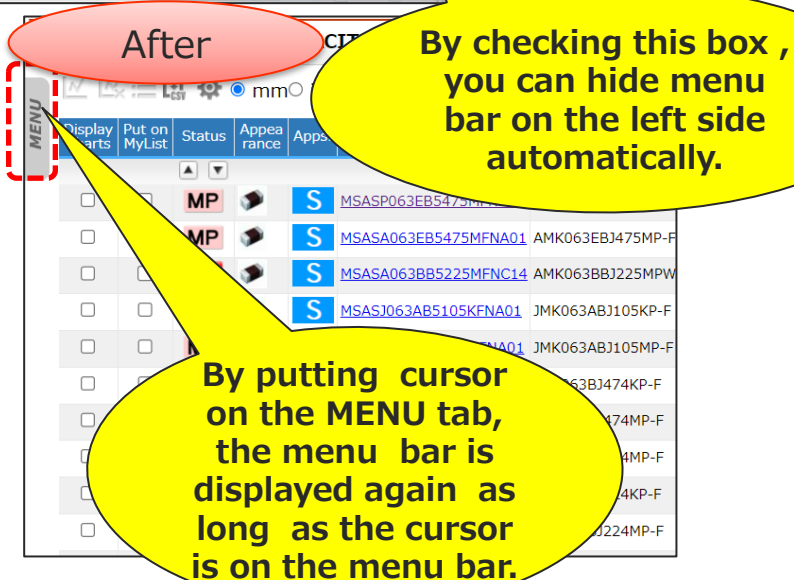
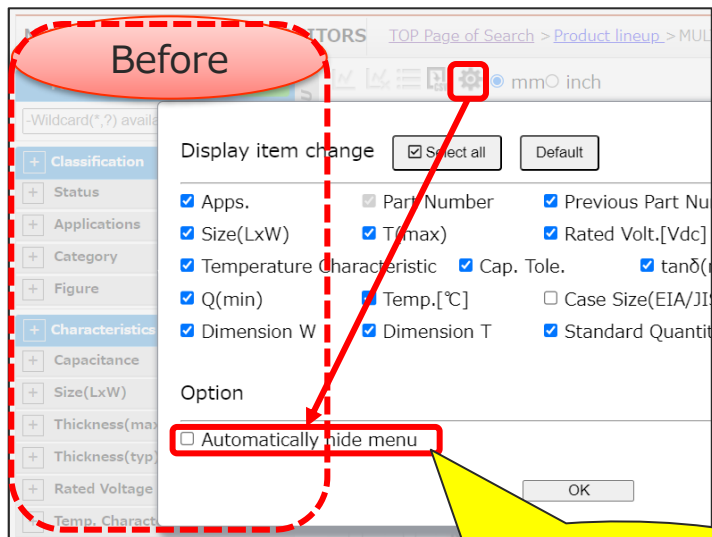
Some items are not displayed by default, so check the boxes as needed.

Unchecked specifications will not be displayed on the search result page.

Part Number	Previous Part Number	Capacitance	Size(LxW)	T(max)
MSASJ063SB5104MFNA01	JMK063BJ104MP-F	0.1 uF	0.6x0.3	0.33
MSASL063BB5105MFNB36	LMK063BBJ105MPQF	1 uF	0.6x0.3	0.39
MSASL063BB5105MFNB33	LMK063BBJ105MPLF	1 uF	0.6x0.3	0.39

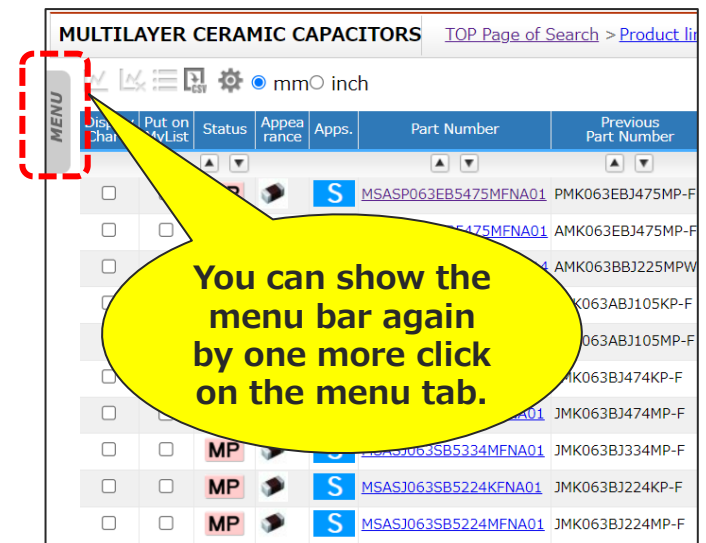
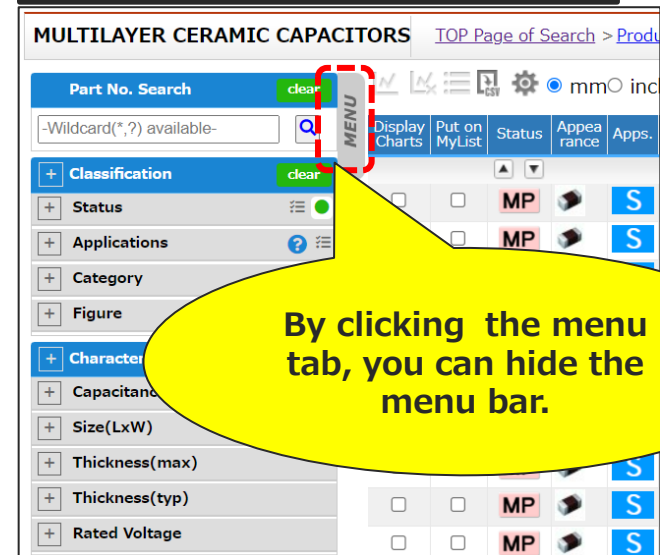
TY-COMPAS "Specification Search" Hiding-Menu Function

Automatically Hiding mode



By checking this box, you can hide menu bar on the left side automatically.

Manually Hiding mode



TY-COMPAS Display Charts/Display MyList/Part Detail Information

The screenshot displays the TAIYO YUDEN website's product search interface. The main content is a table listing various electronic components, including capacitors and inductors, with columns for Part No., Classification, Status, Use Environment, Capacitance, and more. The interface includes search filters on the left and a top navigation bar with links like 'Select Region', 'Version info.', and 'PRECAUTIONS FOR USE'.

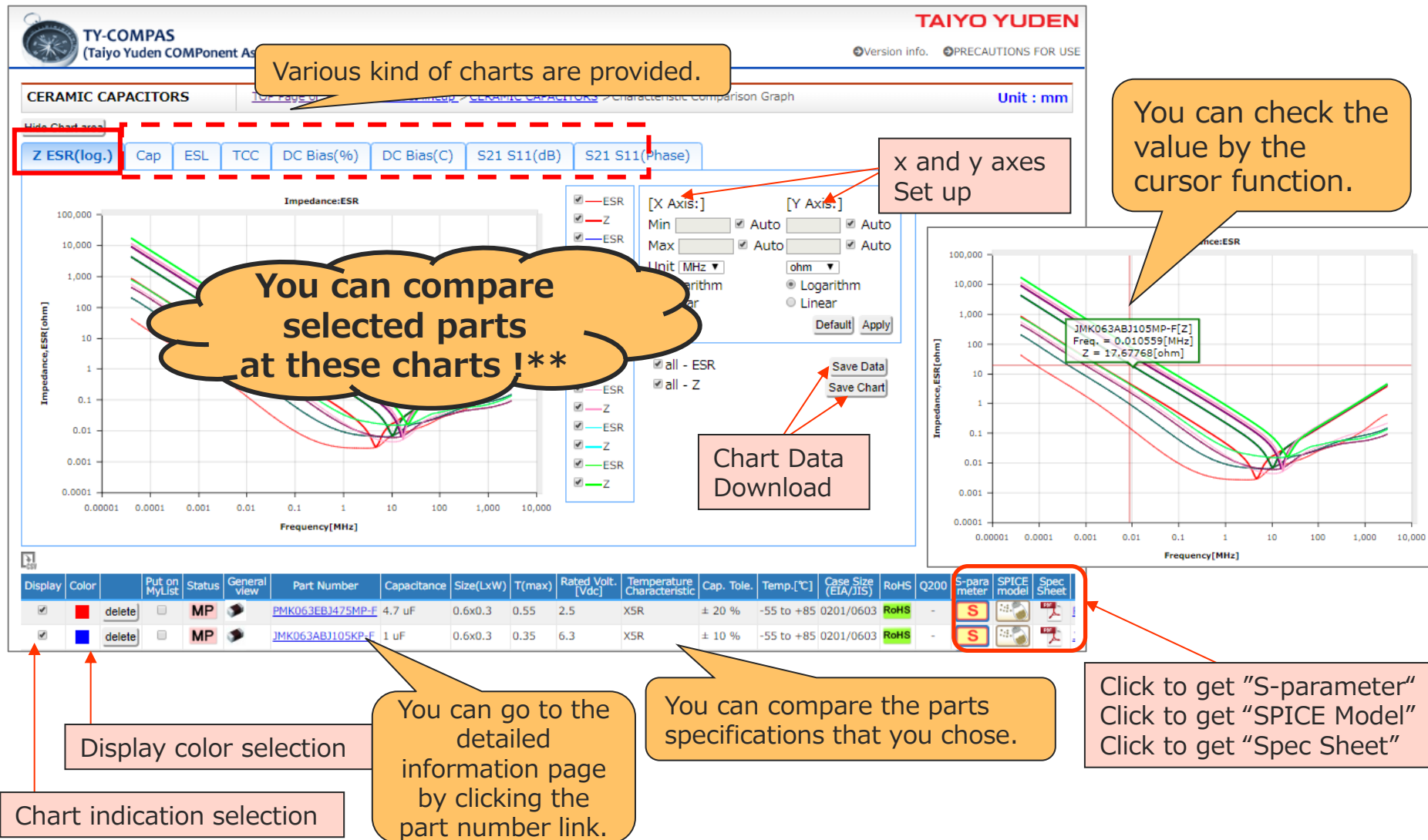
Several callouts highlight key features and actions:

- Charts**** (multiple instances): A callout with the text "Charts** ③ All choice cancellation" points to the 'Charts' button in the top left. Another callout with "Charts** ② Click" points to the 'Charts' button in the left sidebar. A third callout with "Charts** ① Check one or several items which you need.**" points to the 'Charts' button in the bottom left.
- MyList** (multiple instances): A callout with "MyList ② Click" points to the 'MyList' button in the top left. Another callout with "MyList ① Check one or several items which you need." points to the 'MyList' button in the left sidebar. A large yellow callout with "My List is the function to make your own list of your favorite parts." points to the 'MyList' button in the bottom left.
- Download CSV**: A callout with "You can download the product data list in a CSV format." points to the 'Download CSV' button in the top right.
- S-parameter**: A callout with "Click to get 'S-parameter'." points to the 'S-parameter' button in the right sidebar.
- SPICE Model**: A callout with "Click to get 'SPICE Model'." points to the 'SPICE Model' button in the right sidebar.
- Spec Sheet**: A callout with "Click to get 'Spec Sheet'." points to the 'Spec Sheet' button in the right sidebar.
- Part Number**: A callout with "Click the Part Number. Then its product specification is displayed." points to a part number in the table.
- Display Charts**: A callout with "Here! Display the charts" points to the 'Display Charts' button in the left sidebar.

**Charts : Can select max 8 items

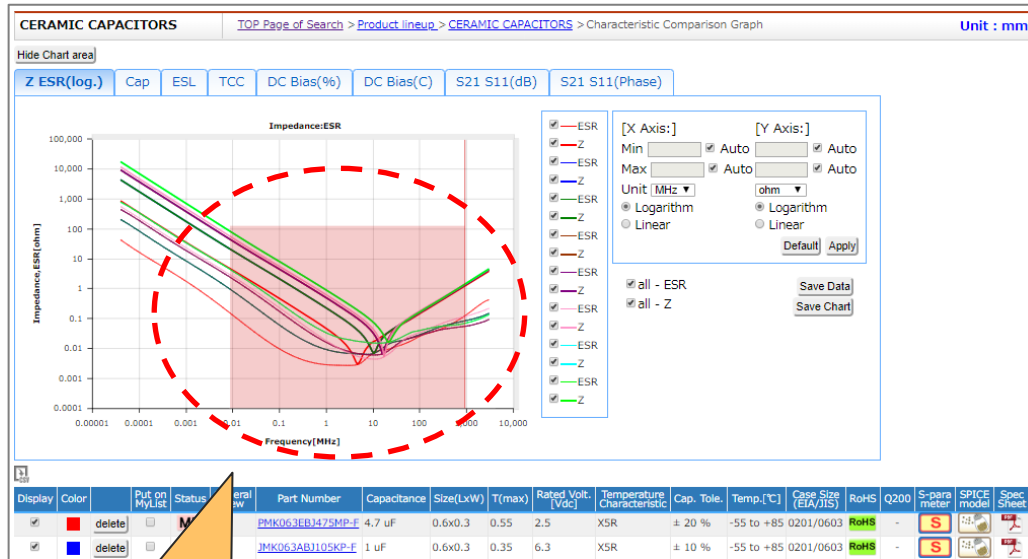
TY-COMPAS Display Charts① (Basic Function)

(CERAMIC CAPACITORS)



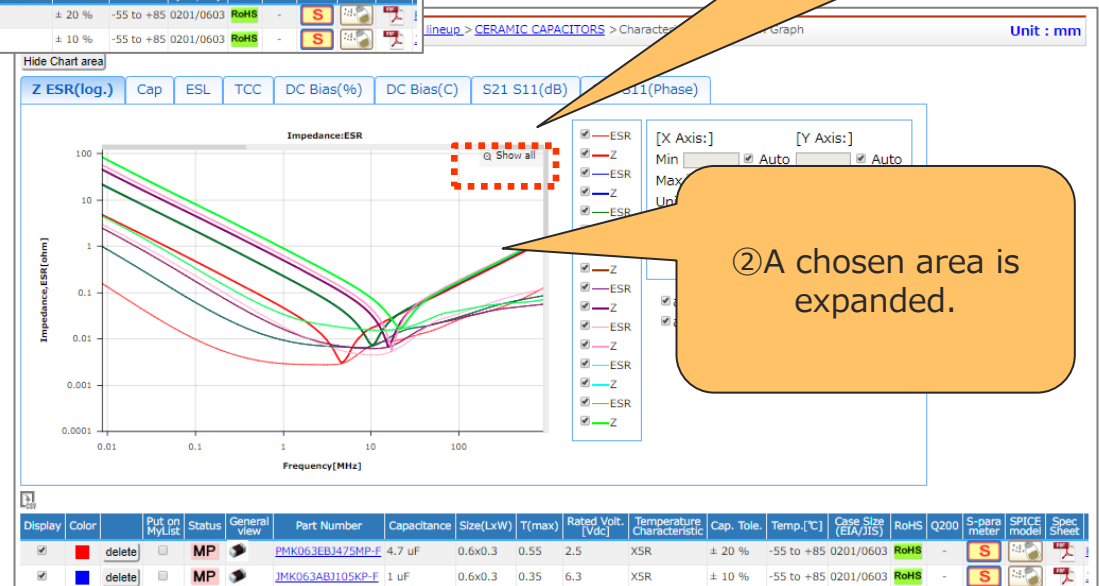
**Charts : Can select max 8 items

TY-COMPAS Display Charts② (Expansion Function)



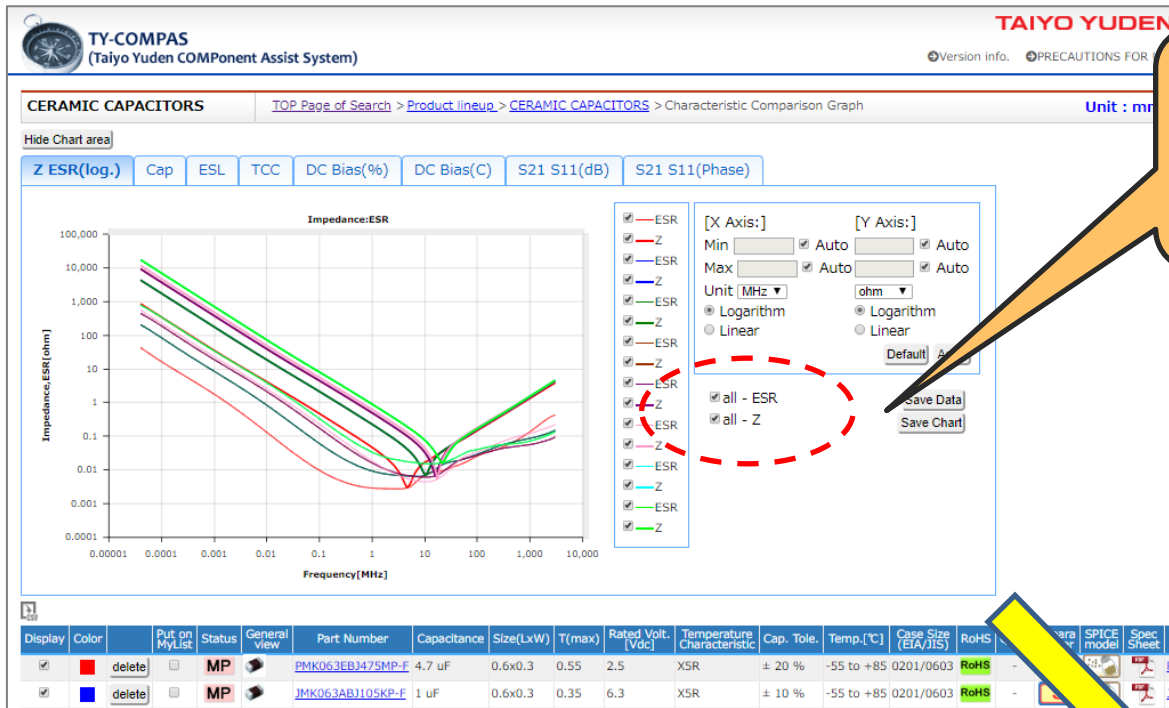
① Specify the area that you want to expand by dragging on the chart.

③ You can display the original chart again by clicking "Show all".



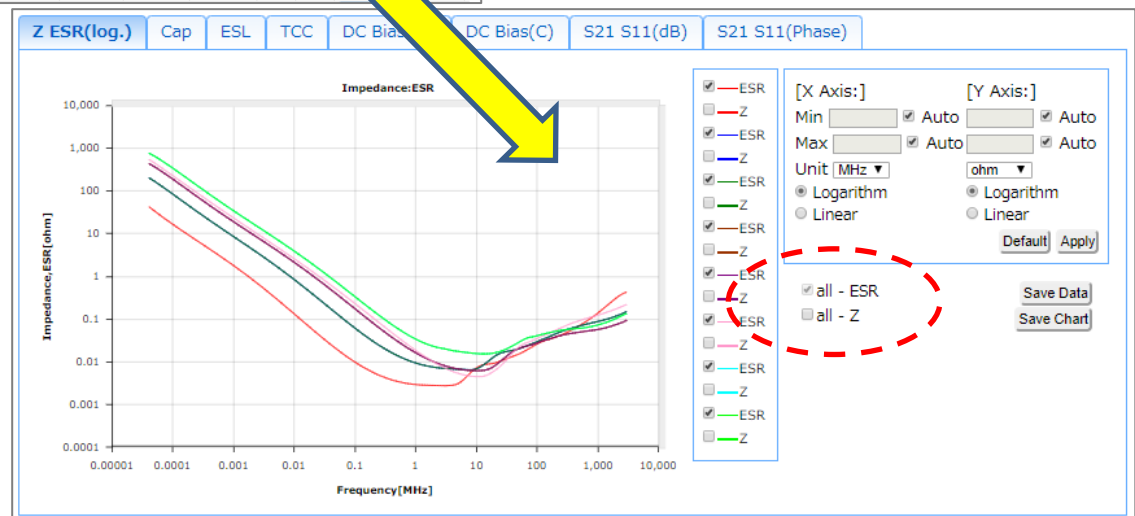
② A chosen area is expanded.

TY-COMPAS Display Charts③ (Hide Function)



If you uncheck the item, the corresponding graph on the chart will be hidden.

For example in case that you uncheck all-Z, graphs of Z on the chart disappear.






TY-COMPAS Display MyList




Close




Save Data

CERAMIC CAPACITORS - 3Results [Hide List](#)

Registered items by checking "MyList" box on the specification search page are displayed.




delete MP  [PMK063EBJ475MP-F](#) 4.7 uF 0.6x0.3 0.55 2.5 X5R ± 20 % -55 to +85 0201/0603 RoHS -   [PMK063EBJ475MP-F](#)




delete MP  [JMK063ABJ105KP-F](#) 1 uF 0.6x0.3 0.35 6.3 X5R ± 10 % -55 to +85 0201/0603 RoHS -   [JMK063ABJ105KP-F](#)




delete MP  [JMK063ABJ105MP-F](#) 1 uF 0.6x0.3 0.35 6.3 X5R ± 20 % -55 to +85 0201/0603 RoHS -   [JMK063ABJ105MP-F](#)

INDUCTORS - 3Results [Hide List](#)

Registered items are summarized into corresponding product categories.

delete MP  [BK0603HS220-T](#) 22 0.6x0.3 0.33 0.5 0.065 ± 25 % -55 to +125 0201/0603 RoHS -   [BK0603HS220-T](#)

delete MP  [BK0603HS330-T](#) 33 0.6x0.3 0.33 0.5 0.07 ± 25 % -55 to +125 0201/0603 RoHS -   [BK0603HS330-T](#)

delete MP  [BK0603HS800-T](#) 80 0.6x0.3 0.33 0.2 0.4 ± 25 % -55 to +125 0201/0603 RoHS -   [BK0603HS800-T](#)

CSV file

TY-COMPAS (Taiyo Yuden COMPONENT Assist System): Program Version:11.1.1 Data Version:15.2.0 [2020/05/12] 2020/05/18 15:15:35

Unit : mm

CERAMIC CAPACITORS ... 3 Results

Name	Status	Part Num	Capacitance	Size(LxW)	T(max)	Rated Volt	Temperature	Cap. Tole.	Temp[°C]	Case Size	RoHS	Q200
Multilayer (Mass Prodi PMK063EE)		PMK063EE	4.7 uF	0.6x0.3	0.55	2.5	X5R	± 20 %	-55 to +85	0201/0603	RoHS compliance	
Multilayer (Mass Prodi JMK063AE1)		JMK063AE1	1 uF	0.6x0.3	0.35	6.3	X5R	± 10 %	-55 to +85	0201/0603	RoHS compliance	
Multilayer (Mass Prodi JMK063AE1)		JMK063AE1	1 uF	0.6x0.3	0.35	6.3	X5R	± 20 %	-55 to +85	0201/0603	RoHS compliance	

INDUCTORS ... 3 Results

Name	Status	Part Num	Inductance	Size(LxW)	T(max)	I(max) [A]	I Sat.(max) [A]	I Sat.(typ) [A]	I Temp.(max) [A]	I Temp.(typ) [A]	Rdc(max) [Ω]	Rdc(typ) [Ω]	Z Tole.	Temp[°C]	Case Size	RoHS	Q200
Metal Wire-Mass Prodi MEHK2012		MEHK2012	0.47 uH	2.0x1.2	0.8	3.7	4.1	4.6	3.7	4.3	0.035	0.03	± 20 %	-40 to +125	0805/2012	RoHS	
Metal Wire-Mass Prodi MEK2012		MEK2012	0.47 uH	2.0x1.2	1	4.2	4.5	5.3	4.2	4.6	0.03	0.025	± 10 %	-55 to +85	0201/0603	RoHS compliance	
Metal Wire-Mass Prodi MEK2016		MEK2016	0.47 uH	2.0x1.6	1	4.7	5.3	6.1	4.7	5.1	0.026	0.021	± 20 %	-40 to +125	0806/2016	RoHS	

FERRITE BEAD INDUCTORS ... 3 Results

Name	Status	Part Num	Impedance	Impedance	Size(LxW)	T(max)	I(max) [A]	Rdc(max) [Ω]	Z Tole.	Temp[°C]	Case Size	RoHS	Q200
Multilayer (Mass Prodi BK0603HS)		BK0603HS	22	0.6x0.3	0.33	0.5	0.065	± 25 %	-55 to +125	0201/0603	RoHS compliance		
Multilayer (Mass Prodi BK0603HS)		BK0603HS	33	0.6x0.3	0.33	0.5	0.07 ± 25 %	-55 to +125	0201/0603	RoHS compliance			
Multilayer (Mass Prodi BK0603HS)		BK0603HS	80	0.6x0.3	0.33	0.2	0.4 ± 25 %	-55 to +125	0201/0603	RoHS compliance			

TY-COMPAS Part Detail Information

TY-COMPAS (Taiyo Yuden Component Assist System)

Select Region

UMK063B1103KP-F [High Value Multilayer Ceramic Capacitors (High dielectric type)]

Specifications

Item	Value
Status	Mass Production
Capacitance	0.01 $\mu\text{F} \pm 10\%$
Case Size (EIA/JIS)	0201/0603
Rated Voltage	50 V
$\tan\delta$ (max)	5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
Dimension L	0.6 ± 0.03 mm
Dimension W	0.3 ± 0.03 mm
Dimension T	0.3 ± 0.03 mm
Dimension e	0.15 ± 0.05 mm
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
IEC62474 (Ver. D10.00) Compliance	Yes
Soldering	Reflow
Standard Quantity	Taping paper 15000pcs

Appearance

To Higher Specification

Features

- Improved higher density mounting.
- Monolithic structure provides higher reliability.
- A wide range of capacitance values available in standard case sizes.
- The use of nickel as electrode material and plating processing improve the solderability and heat resistance characteristics. It also prevents migration and raises the level of reliability.
- Low equivalent series resistance(ESR) provides superior noise absorption characteristics.
- Compared to tantalum or aluminum electrolytic capacitors, multilayer ceramic capacitors offer a number of superior features, including:
 - Higher permissible ripple current values
 - Smaller case sizes with high rated voltage
 - Improved reliability due to higher insulation resistance and breakdown voltage.

Applications

- Communication equipment (cellular phone, wireless applications, etc.)
- General digital circuit
- Power supply bypass capacitors
- Liquid crystal modules
- Liquid crystal drive voltage lines
- LSI, IC, converters (both for input and output)
- Smoothing capacitors
- DC-DC converters (for both input and output)
- Switching power supplies (secondary side)

Inventory

Distributor	Quantity	Buy
MOUSER ELECTRONICS	27,093	

Document

- Catalogue PDF(Product)
- Catalogue PDF
- Spec. Sheet
- Characteristics Data
- Dimensions/Outline, Lead Patterns, and so on
- Reliability Data(extracted from Catalogue)
- Packaging(extracted from Catalogue)
- Precautions(extracted from Catalogue)
- Notice for TAIYO YUDEN products

Simulation data

- S-parameter(1 Product)
- S-parameter(Series)(zip)
- SPICE model(1 Product)(txt)
- SPICE model(Series)(lib)
- SPICE model(Series)(zip)

Links

- Download Component Library
- Download Simulator for EDC Components
- The Fundamental Technical Knowledge of Passive Components
- Request for RoHS and REACH Certificate of Compliance
- Ceramic Capacitor QMA
- Inquiries

Document Simulation data

Inventory information of official Distributors.

High-Specification Suggestion Function (COMPAS BUTTON)

Appearance

Features


Applications

Document Simulation data


Sn-Zn solder paste can affect MLCC reliability performance. Please contact Taiyo Yuden Co., Ltd prior to usage.
Please contact our sales staff when ordering or inquiring the details about products on our website.

In this Part detail information, you can see related information about the selected item and download various kind of product data and documents.

TY-COMPAS High-Specification Suggestion Function (COMPAS BUTTON)


TY-COMPAS
 (Taiyo Yuden COMPONENT Assist System)

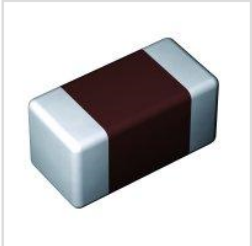
TAIYO YUDEN
 Select Region Version information PRECAUTIONS FOR USE

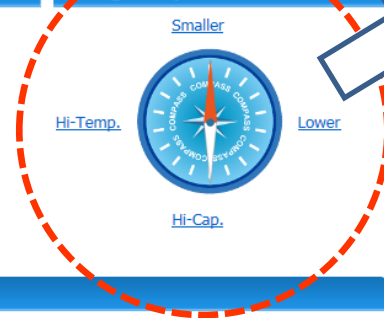
UMK212BJ104KGHT


CERAMIC CAPACITORS [Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications]

Specifications

Status	Mass Production
Capacitance	0.1 uF ± 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	50 V
tanδ (max)	3.5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 MΩ·μF
Dimension L	2.0 ±0.10 mm
Dimension W	1.25 ±0.10 mm
Dimension T	1.25 ±0.10 mm
Dimension e	0.50 ±0.25 mm
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
IEC62474 (Ver. D10.00) Compliance	Yes
Soldering	Reflow
Standard Quantity	Taping Embossed 3000pcs

Appearance


To Higher Specification


Features

AEC-Q200 qualified.

Monolithic structure provides higher reliability.

A wide range of capacitance values available in standard case sizes.

The use of nickel as electrode material and plating processing improve the solderability and heat resistance characteristics. It also prevents migration and raises the level of reliability.

Low equivalent series resistance(ESR) provides superior noise absorption characteristics.

Inventory
 UMK212BJ



In case that you want a smaller size, a larger capacitance/inductance/impedance etc., try "COMPAS BUTTON"!
It's very useful when you find a product with better performance.

By clicking an each link beside the compass figure, you will be introduced to a detailed information page of a product with higher specification written on the link.

CrossReference (e.g. BEADS INDUCTORS)

TY-COMPAS TOP

BEADS INDUCTORS TOP

① Input the other company's ProductNo to each line in the box.
*You can search up to 20 items at the same time.

② Click

Our equivalent products are displayed on the TY-COMPAS list.
Please check them!

Notice

- We do not guarantee that our products displayed as search result in this cross reference are fully compatible with the other companies' products which you enter.
- Please make sure that you evaluate our products with your actual equipment on your own responsibility after carefully reviewing the

Product lineup (e.g. CERAMIC CAPACITOR)

TY-COMPAS TOP Page

PRODUCT CERAMIC CAPACITORS

PRODUCT INDUCTORS

PRODUCT ENERGY DEVICES (SUPER CAPACITORS)

PRODUCT BALUN TRANSFORMERS

TY-COMPAS (Taiyo Yuden COMPONENT Assist System)

Lineup by size

Multilayer Ceramic Capacitors (High dielectric type) (CERAMIC CAPACITORS)

Applications

- Communication equipment (cellular phone, wireless applications, etc.)
- General digital circuit
- Power supply bypass capacitors
- Liquid crystal modules
- Liquid crystal drive voltage lines
- LSI, IC, converters (both for input and output)
- Smoother capacitors
- DC-DC converters (for both input and output)
- Switching power supplies (secondary side)

Temp. Characteristic	Size(LxW)	Thickness(typ)	Rated Voltage[Vdc]	Capacitance
XSR	0.25x0.125	0.125	4.0[Vdc] - 16.0[Vdc]	220pF - 22000pF
	0.4x0.2	0.2	4.0[Vdc] - 16.0[Vdc]	100pF - 0.1uF
	0.6x0.3	0.3	2.5[Vdc] - 50.0[Vdc]	100pF - 4.7uF

Product lineup

General Equipment---Ceramic Capacitors---

Pic	Name	Rated Voltage[Vdc]	Capacitance	By size
	Multilayer Ceramic Capacitors (High dielectric type)	2.5 - 50.0[Vdc]	100pF - 470uF	By size
	Multilayer Ceramic Capacitors (Temperature compensating type)	10.0 - 50.0[Vdc]	0.2pF - 1000pF	By size

Click

The range of characteristic value for each series is obvious.

You can check the more detailed range!

The following categories correspond to this display.

- CERAMIC CAPACITORS
- INDUCTORS
- FERRITE BEAD INDUCTORS
- ALUMINUM ELECTROLYTIC CAPACITORS

TAIYO YUDEN