

Smartphone
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.

TY-COMPAS smartphone ver. <from TAIYO YUDEN Website>

TY-COMPAS is compatible with smartphones.

When you access TY-COMPAS with your smartphone, the smartphone version site will open.

TAIYO YUDEN Website
<https://www.yuden.co.jp/en/>

**TY-COMPAS
Smartphone ver.**

TAIYO YUDEN

Product Search

→ TAIYO YUDEN Authorized Distributors
→ **TY-COMPAS**

Region

☒ North America ☐ Europe ☐ Asia Pacific

☐ Other Regions

Part Number

Part Number

Category

Select

TAIYO YUDEN

Product Information

Product Information

Product & Solution Lineup

Special Contents

Video Library

Design Support Tools

Helpful Tips

Our Approach to Chemical Substances Contained in Products

Application Guides

TAIYO YUDEN Authorized Distributors

Q&A Corner

TY-COMPAS
(Taiyo Yuden COMPONENT Assist System)

Part No. Search

-Wildcard(*,?)-

Unit

☒ mm ☐ inch

CERAMIC CAPACITORS

[CERAMIC CAPACITORS](#)

INDUCTORS

[INDUCTORS](#)

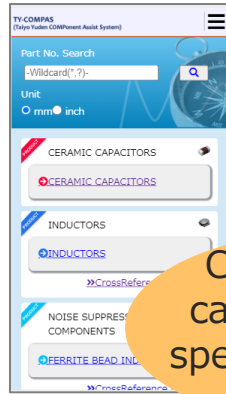
[»CrossReference is here.](#)

NOISE SUPPRESSION COMPONENTS

[FERRITE BEAD INDUCTORS](#)

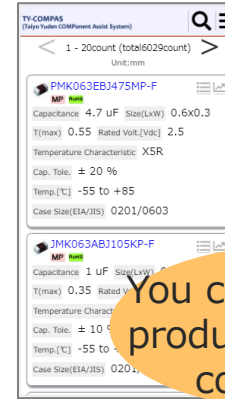
TY-COMPAS smartphone ver. <OUTLINE>

TY-COMPAS TOP page



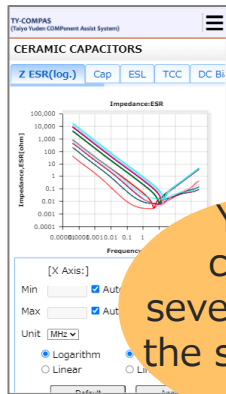
Choose product category to enter specification search page !

Specification Search



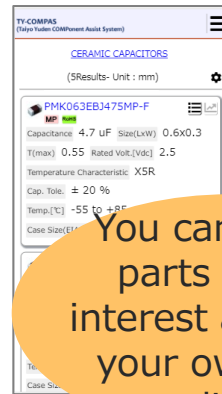
You can search our products in various conditions !

Display Charts



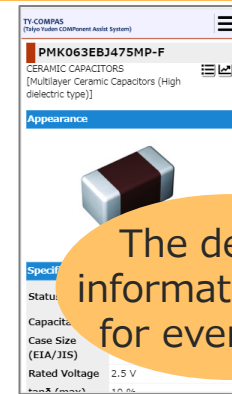
You can compare several parts at the same time !

MyList



You can choose parts of your interest and make your own parts list!

Part Detail Information



The detailed information page for every part!

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 smartphone ver. TOP page

TOP page

Part No. Search

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

-Wildcard(*,?)-

Products Search

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

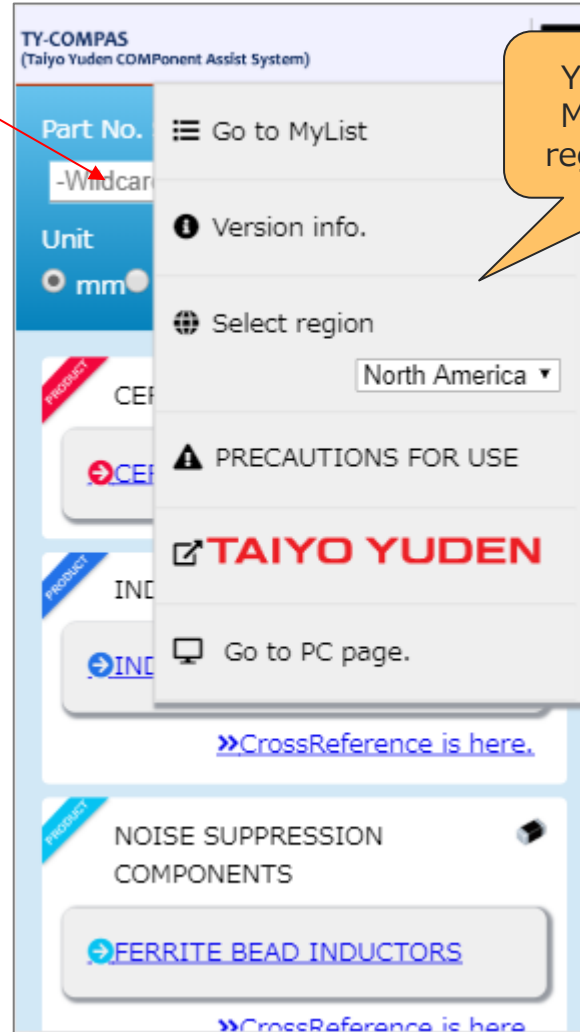
INDUCTORS

>>CrossReference is here.

CrossReference

Equivalent part search by specifying products of other companies.

TOP page menu



You can display MyList or select region and so on.

TY-COMPAS smartphone ver. Products page

You can sort results and display charts from the menu.

Products page

Display search functions.

Products page menu

Display menu.

Move page

MyList registration

The option of displaying charts

You can use the same functions as the PC version.

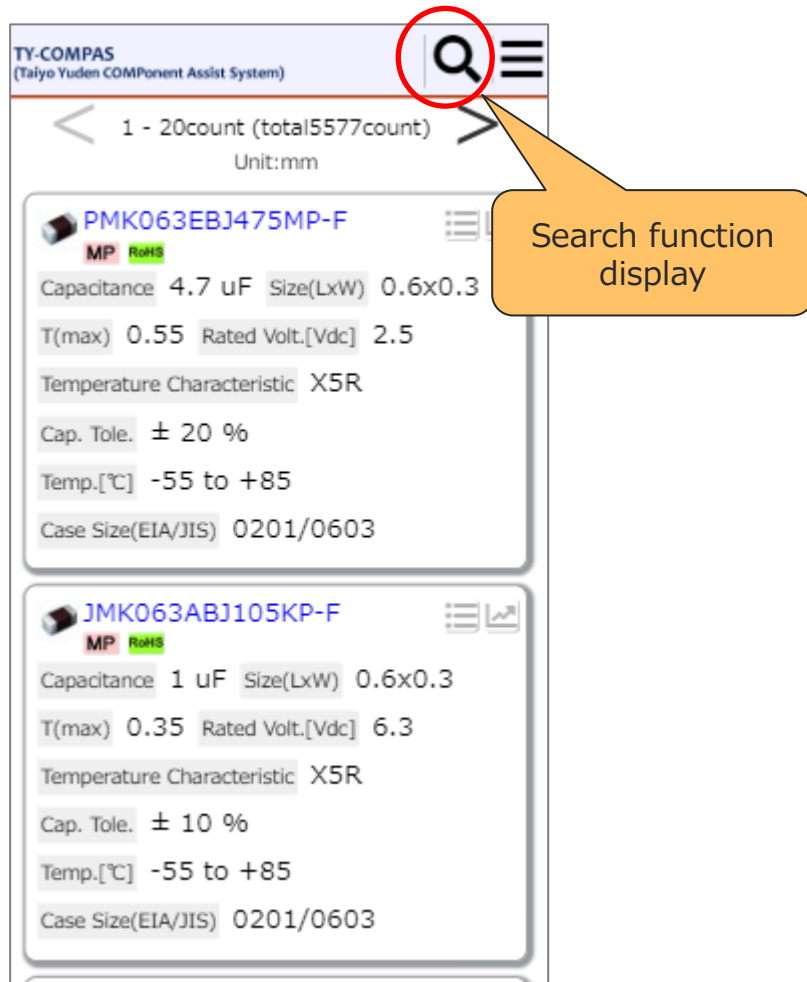
Display Charts (displayed on the menu only when the option of displaying charts on products page is checked.)

Clear all graph display selections (displayed on the menu only when graph display is selected)

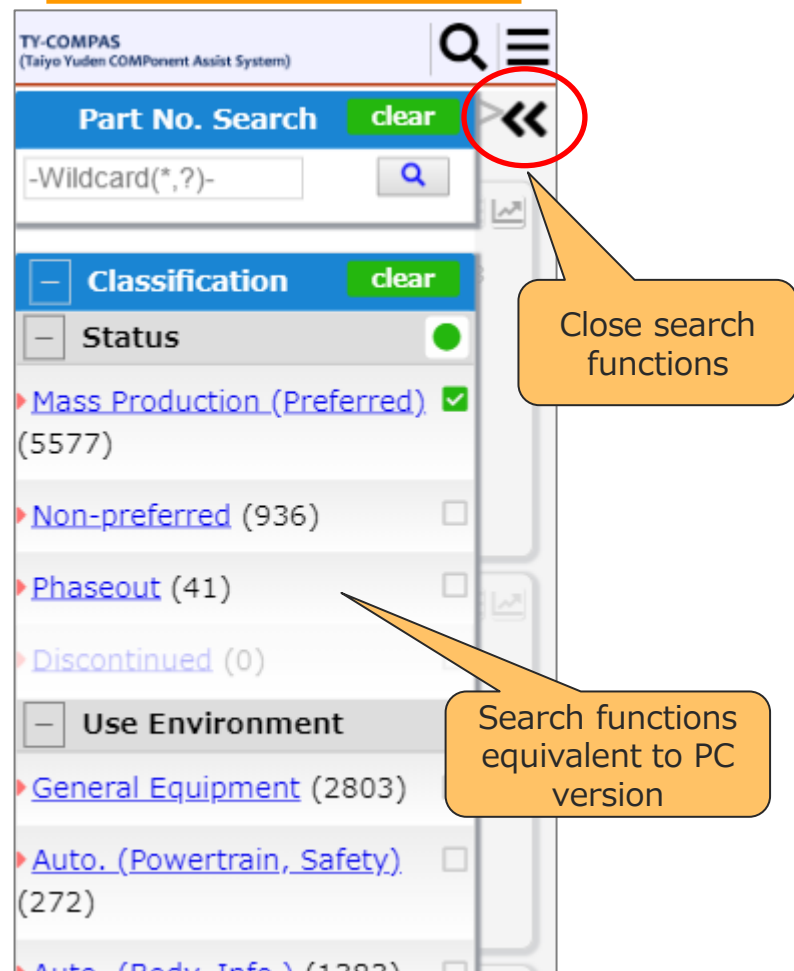
TY-COMPAS smartphone ver. Search function

In the smartphone version, you can search for products in the same way as the PC version.

Products page

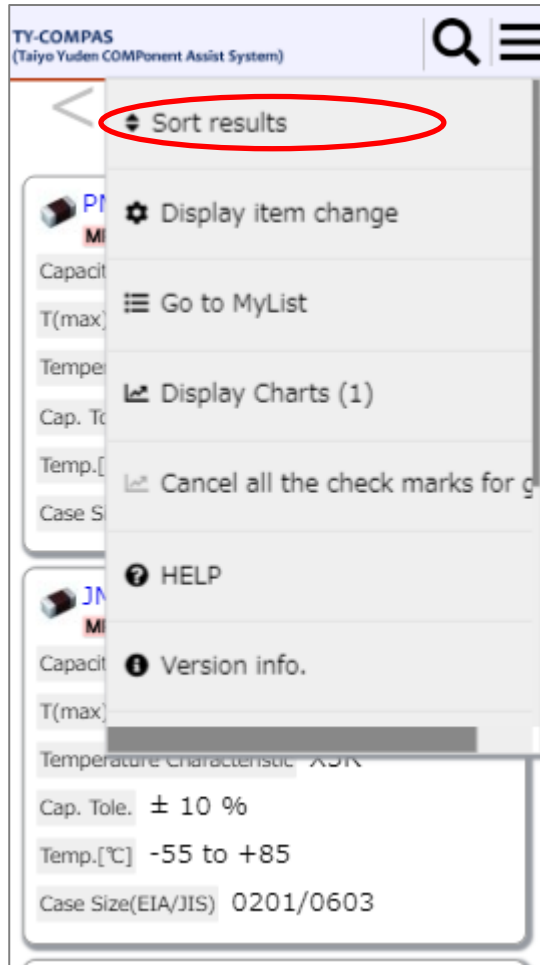


Products page Search functions

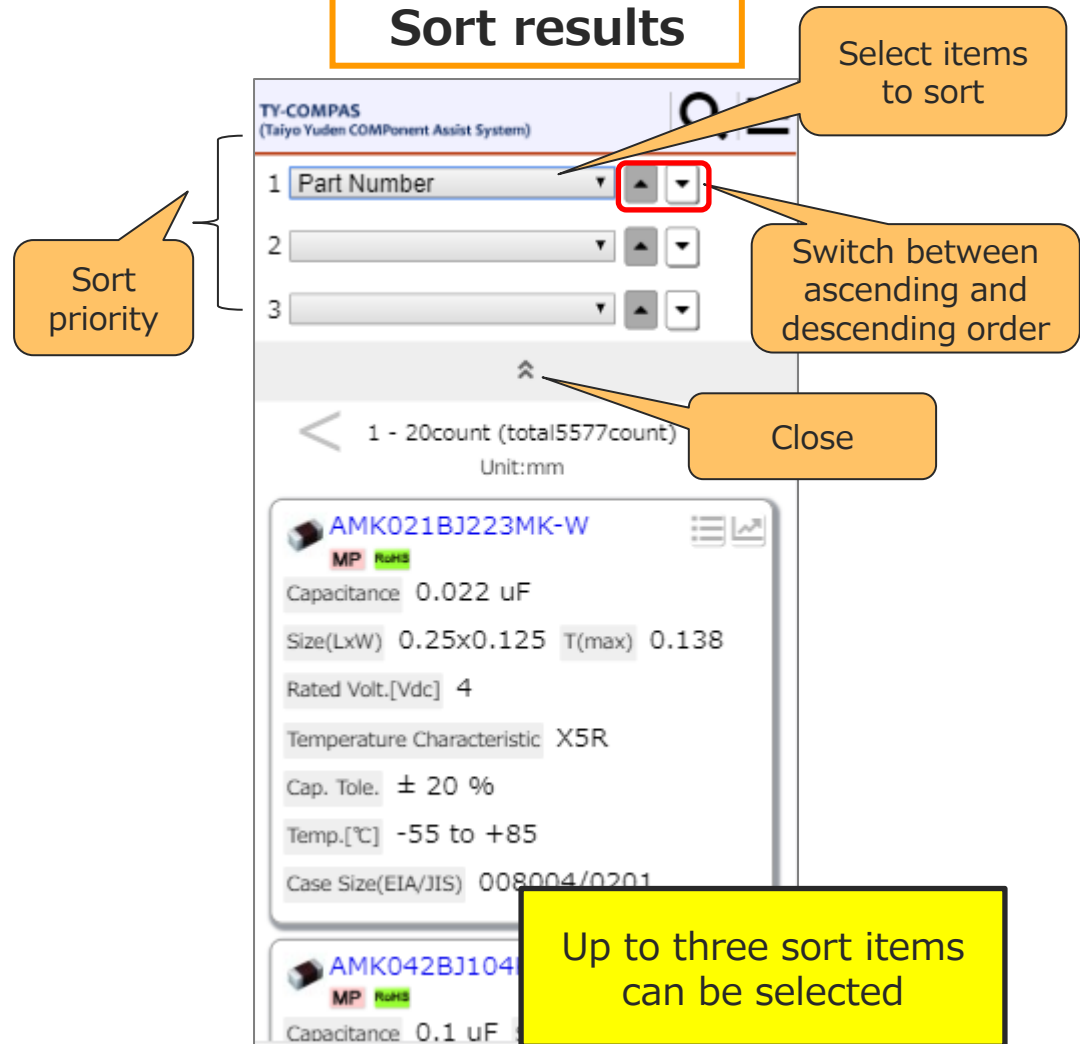


TY-COMPAS smartphone ver. Sort results

Products page

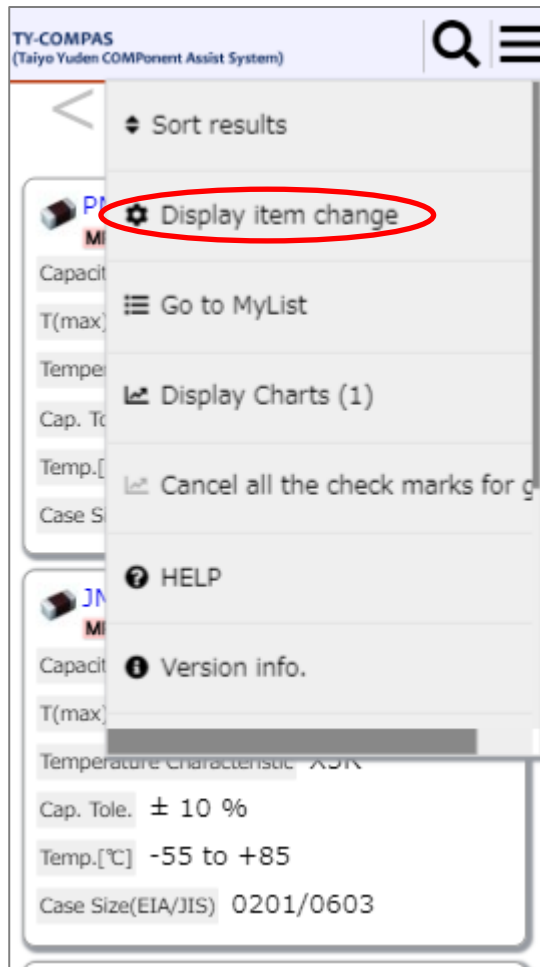


Products page Sort results

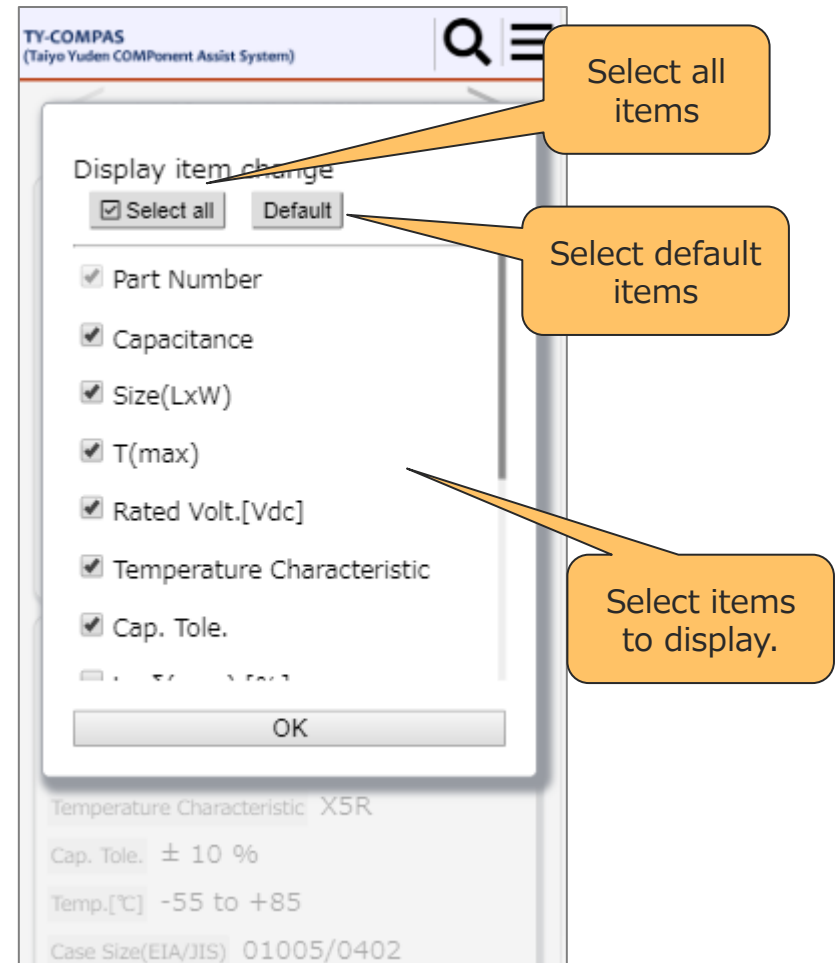


TY-COMPAS smartphone ver. Display item change

Products page

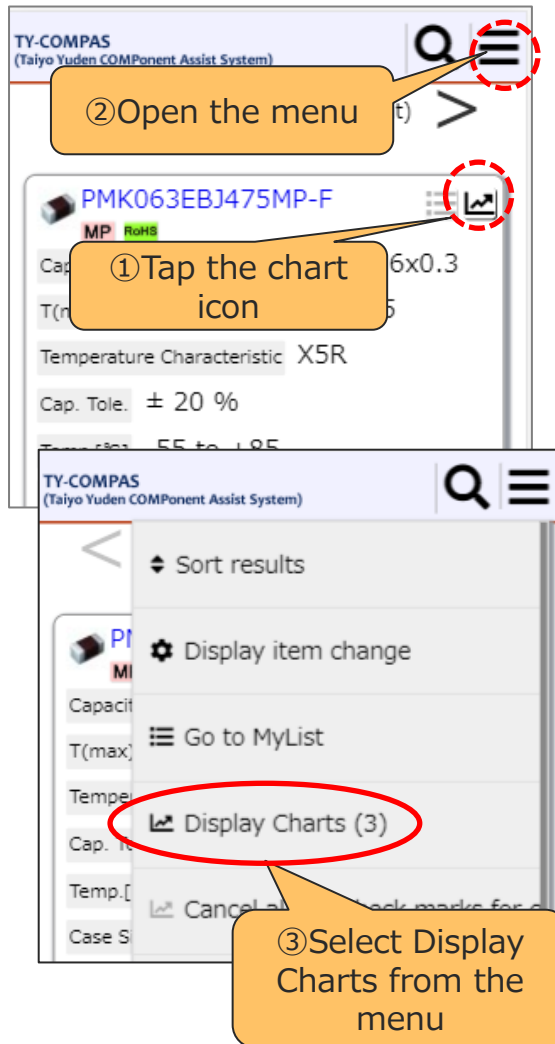


Products page Display item change

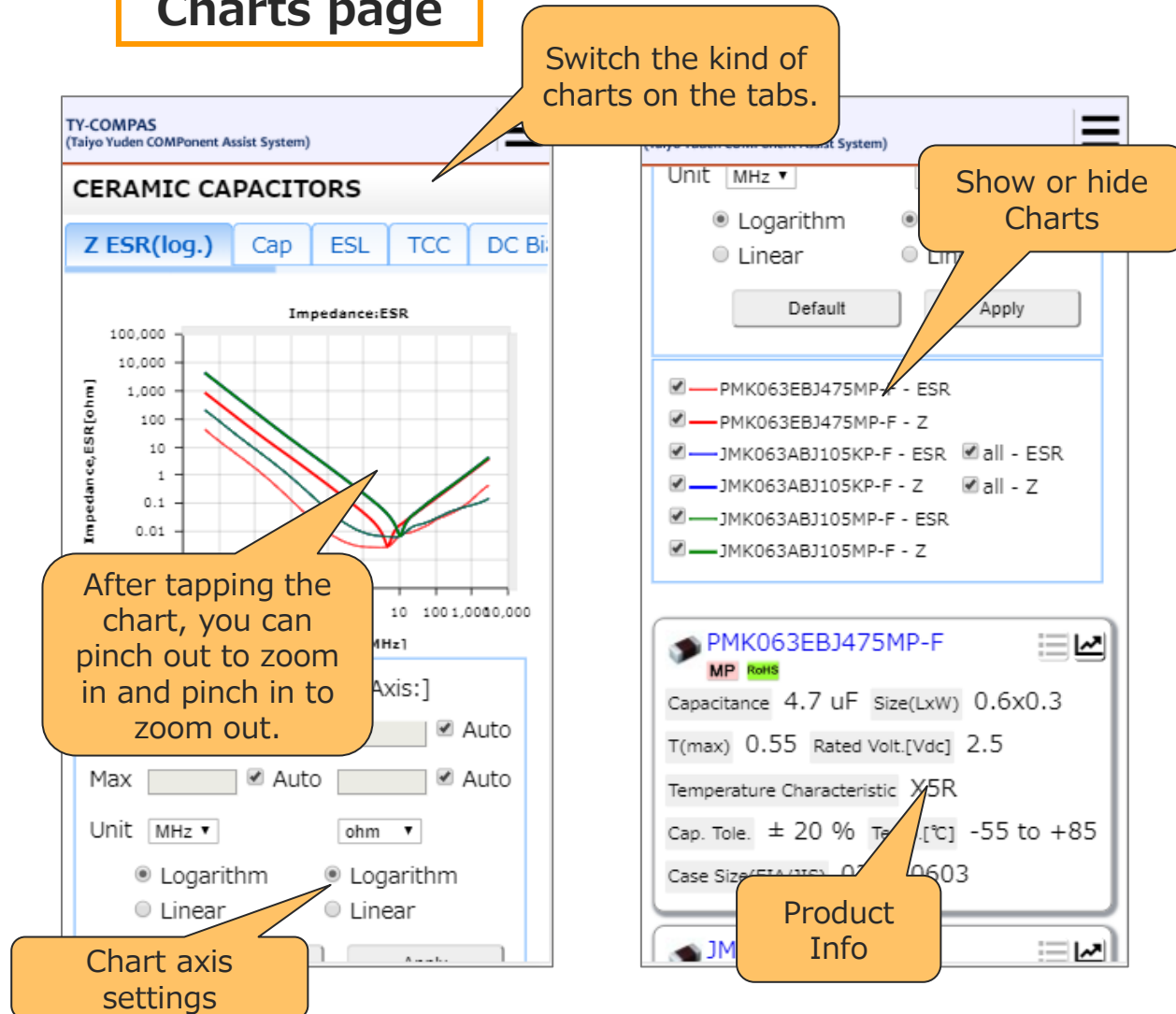


TY-COMPAS smartphone ver. Display Charts

Products page



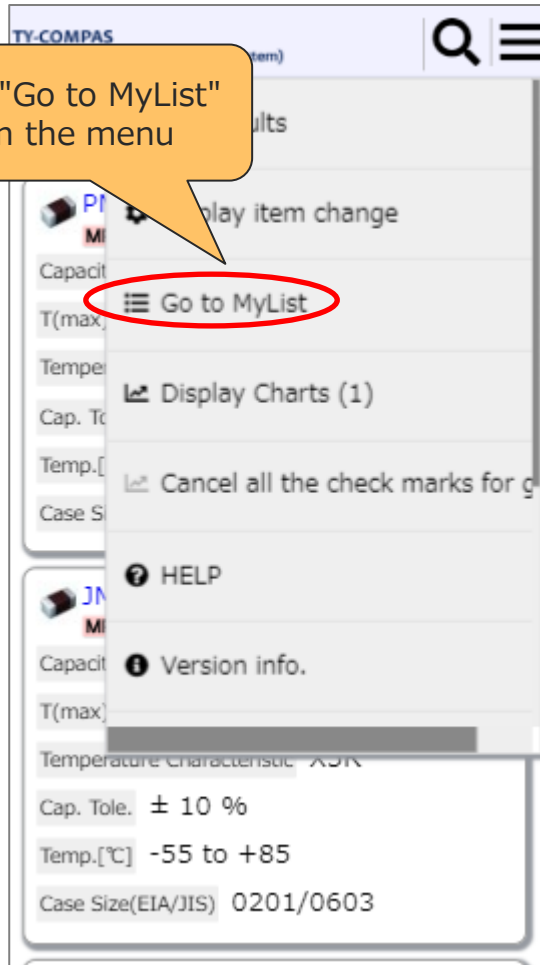
Charts page



TY-COMPAS smartphone ver. Display MyList

Products page

Select "Go to MyList"
from the menu

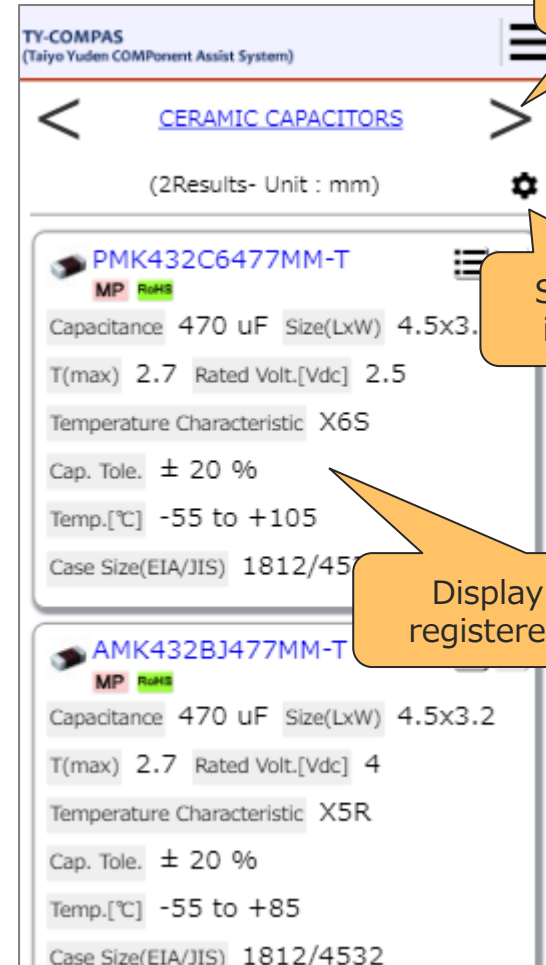


MyList page

Switch
Category

Show Display
item change

Display products
registered in MyList



TY-COMPAS smartphone ver. Part Detail Information

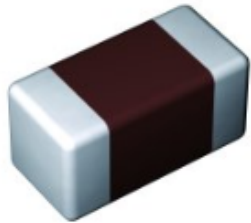
Part Detail Information

TY-COMPAS
(Taiyo Yuden COMPONENT Assist System)

PMK063EBJ475MP-F
CERAMIC CAPACITORS
[Multilayer Ceramic Capacitors (High dielectric type)]

Appearance

Add to MyList



Specifications

Status	Mass Production (Preferred)
Capacitance	4.7 uF ± 20 %
Case Size (EIA/JIS)	0201/0603
Rated Voltage	2.5 V
tanδ (max)	10.0%

TY-COMPAS
(Taiyo Yuden COMPONENT Assist System)

Document

- [Spec Sheet](#)
- [Characteristics Data](#)
- [Dimensions\(Outline, Land Patterns, and so on\)](#)
- [Reliability Data\(extracted from Catalog\)](#)
- [Packaging\(extracted from Catalog\)](#)
- [Precautions\(extracted from Catalog\)](#)
- [Notice for TAIYO YUDEN products](#)
- [Catalog_PDF\(Product\)](#)
- [Catalog_PDF](#)

Links

- [Download Component Library](#)
- [Download Simulator for EMD Components](#)
- [The Fundamental Technical Knowledge of Passive Components](#)
- [Request for RoHS and REACH Certificate of Compliance](#)
- [Ceramic Capacitor Q&A](#)

Documents can be downloaded in the same with the PC version.

TY-COMPAS smartphone ver. CrossReference (e.g. INDUCTORS)


CrossReference page

TY-COMPAS
(Taiyo Yuden COMPONENT Assist System)

INDUCTORS

CrossReference clear

Please input ProductNo of the other company to search.



Notice

- We do not guarantee that our products displayed as search result in this cross reference are fully compatible with the other companies' products

①Enter the part number of other companies

②Tap

③Scroll down

TY-COMPAS
(Taiyo Yuden COMPONENT Assist System)


- Please input the ProductNo for every line.
- It can search to 20 items at a time.

LQG15HN10NJ02
Unit: mm

Searched Item

LQG15HN10NJ02
Manufacture name MURATA
Inductance 10 nH Size 1.0x0.5 mm
T(max) 0.55 I [A] 0.5 I Sat. [A]
I Temp. [A] 0.5 Rdc(max)[Ω] 0.29
Rdc(typ)[Ω] SRF[MHz] 3200
L Tole. ± 5 %

The equivalent article of our company

 **HK100510NJ-T**
MP RoHS

ReplacementSizeType Equivalent
Inductance 10 nH Size(LxW) 1.0x0.5
T(max) 0.55 I(max) [A] 0.5
I Sat.(max) [A] I Temp.(max) [A]

Display the specifications of the specified other company's product.

Display our equivalent

TAIYO YUDEN