

## Multilayer Ceramic Capacitors

## TMK105BJ103KP-F



## ■ Features

- Item Summary  
0.01  $\mu\text{F} \pm 10\%$ , 25V,  
X5R/B, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Paper 15000pcs

## ■ Products characteristics table

Capacitance	0.01 $\mu\text{F} \pm 10\%$
Case Size (EIA/JIS)	0402/1005
Rated Voltage	25 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)	150 %
Insulation Resistance (min)	10 G $\Omega$
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	1.0 $\pm 0.05$ mm
Dimension W	0.5 $\pm 0.05$ mm
Dimension T	0.3 $\pm 0.03$ mm
Dimension e	0.25 $\pm 0.10$ mm

2022.06.01

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
 Before making final selection, please check product specification.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

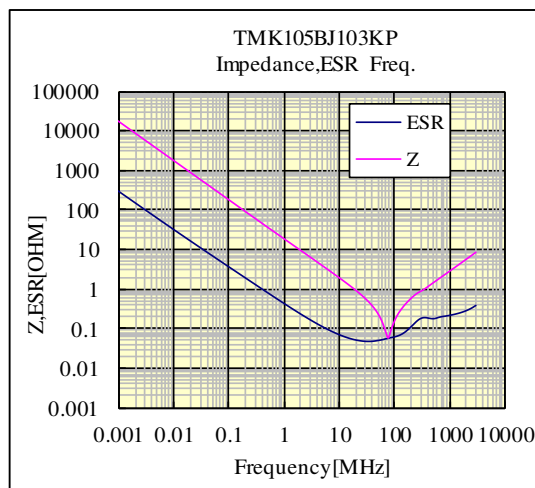
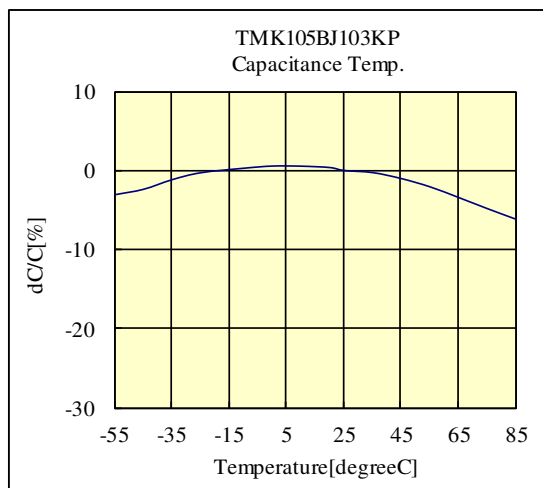
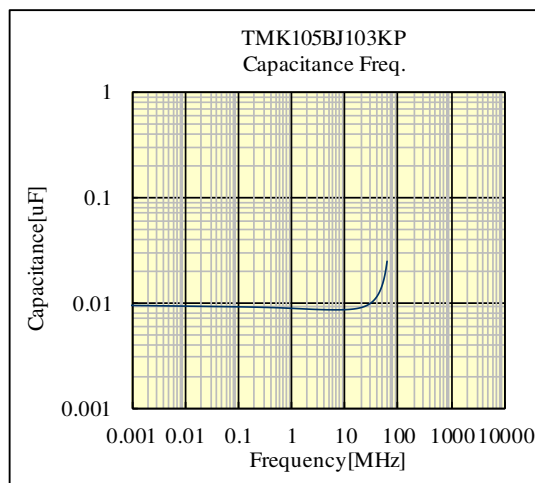
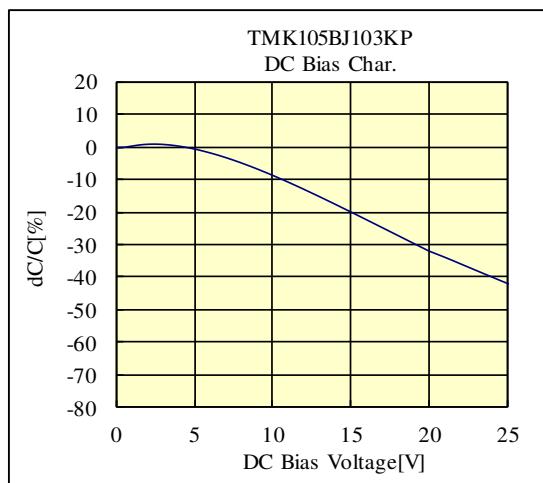
18QA06

RoHS compliance product

### ○TMK105BJ103KP

25V 1005 B/X5R 0.01uF +/- 10% t=0.33mmMAX

25V 0402 B/X5R 0.01uF +/- 10% t=0.013inchMAX



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