



**THE DATASHEET OF  
JMK042BJ682KC-W**



## Multilayer Ceramic Capacitors

## JMK042BJ682KC-W



## ■ Features

- Item Summary  
6800pF±10%, 6.3V,  
X5R, 01005/0402 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

## ■ Products characteristics table

Capacitance	6800 pF ± 10 %
Case Size (EIA/JIS)	01005/0402
Rated Voltage	6.3 V
tan δ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	10 GΩ
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	0.4 ±0.02 mm
Dimension W	0.2 ±0.02 mm
Dimension T	0.2 ±0.02 mm
Dimension e	0.10 ±0.03 mm

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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-

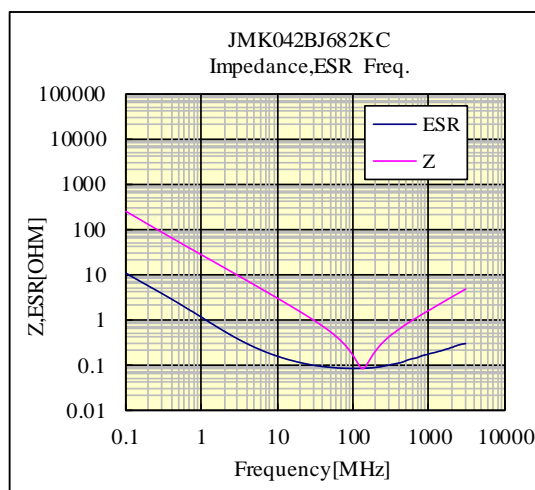
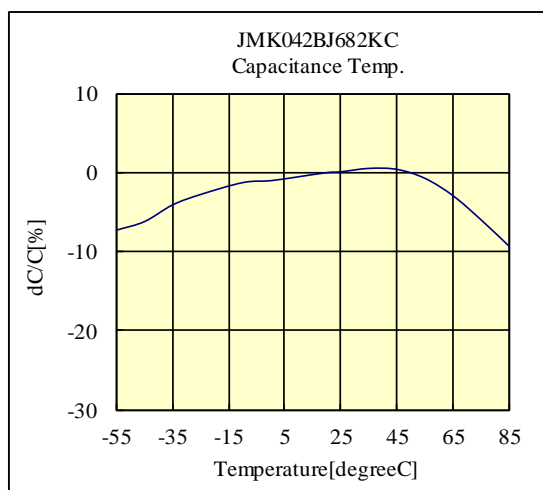
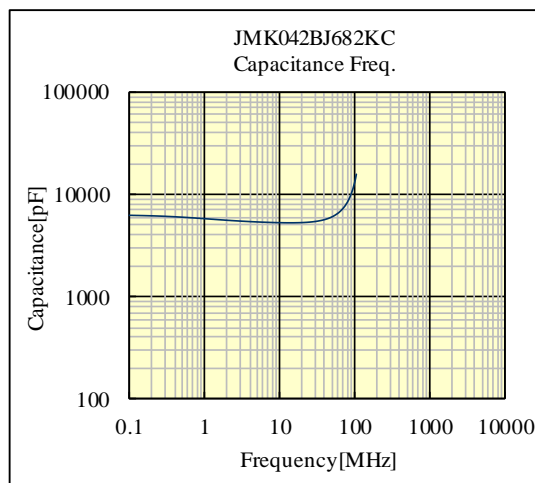
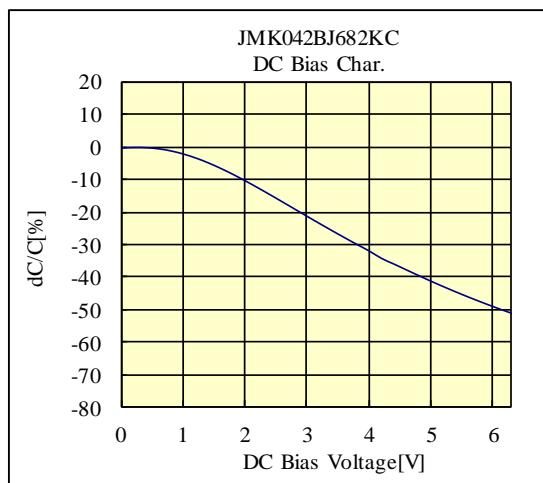
18SC09

RoHS compliance product

### ○JMK042BJ682KC

6.3V 0402 X5R 6800pF +/- 10% t=0.22mmMAX

6.3V 01005 X5R 6800pF +/- 10% t=0.009inchMAX



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