



**THE DATASHEET OF  
LMK042BJ103KC-W**



High Value Multilayer Ceramic Capacitors (High dielectric type)

LMK042BJ103KC-W



■ Features

- Item Summary  
10V, X5R, 0.01  $\mu$ F,  $\pm$ 10%, 01005
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

■ Products characteristics table

|                                       |                        |
|---------------------------------------|------------------------|
| CaseSize (EIA/JIS)                    | 01005/0402             |
| Rated Voltage (max)                   | 10V                    |
| Capacitance                           | 0.01 $\mu$ F           |
| Capacitance Tolerance                 | $\pm$ 10%              |
| Temperature Characteristics (EIA/JIS) | X5R/-                  |
| Temperature Range (EIA/JIS)           | -55 to +85°C/-         |
| Capacitance Change (EIA/JIS)          | $\pm$ 15/-%            |
| Dielectric Loss Tangent               | 10%MAX                 |
| Resistance                            | 10,000 M $\Omega$ min. |
| RoHS Compliance                       | Yes                    |
| Halogen Free                          | Yes                    |
| Soldering Method                      | Reflow                 |

■ External Dimensions

|   |                  |
|---|------------------|
| L | 0.4mm $\pm$ 0.02 |
| W | 0.2mm $\pm$ 0.02 |
| T | 0.2mm $\pm$ 0.02 |
| e | 0.1mm $\pm$ 0.03 |

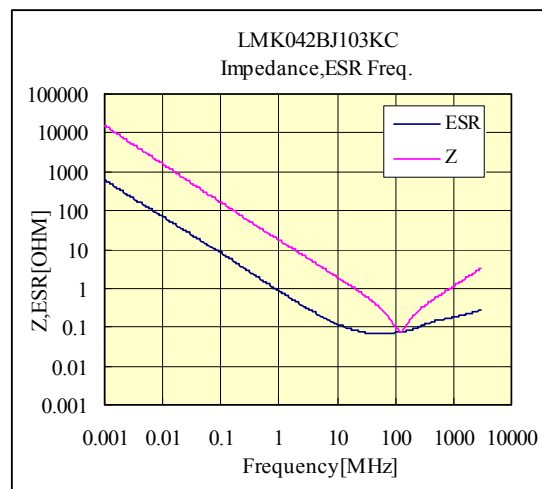
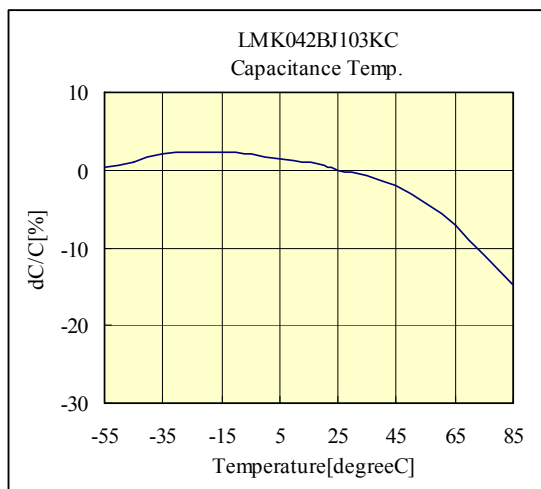
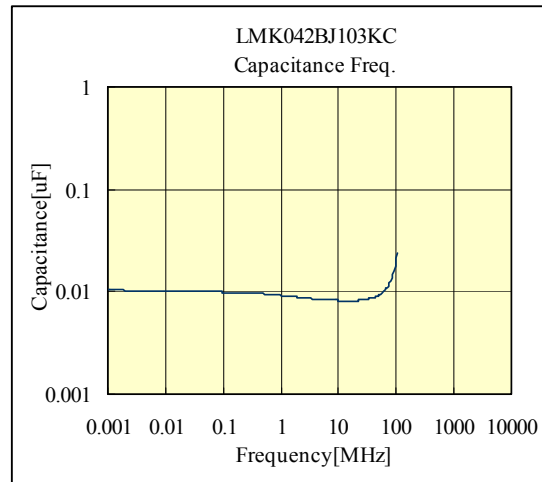
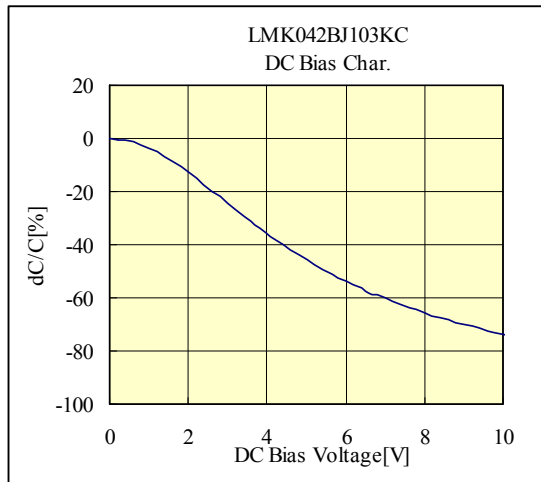
2015.07.09

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

## ○ LMK042BJ103KC

10V 0402 X5R 0.01uF +/- 10% t=0.22mmMAX

10V 01005 X5R 0.01uF +/- 10% t=0.009inchMAX



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