

## Multilayer Ceramic Capacitors

## LMK042B7221MC-W



## ■ Features

- Item Summary  
220pF $\pm$ 20%, 10V,  
X7R, 01005/0402 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

## ■ Products characteristics table

|                                               |                   |
|-----------------------------------------------|-------------------|
| Capacitance                                   | 220 pF $\pm$ 20 % |
| Case Size (EIA/JIS)                           | 01005/0402        |
| Rated Voltage                                 | 10 V              |
| tan $\delta$ (max)                            | 5 %               |
| Temperature Characteristic (EIA)              | X7R               |
| Operating Temp. Range (EIA)                   | -55 to +125 °C    |
| High Temperature Loading<br>(% Rated Voltage) | 200 %             |
| 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 | 0.4 $\pm$ 0.02 mm  |
| Dimension W | 0.2 $\pm$ 0.02 mm  |
| Dimension T | 0.2 $\pm$ 0.02 mm  |
| Dimension e | 0.10 $\pm$ 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-

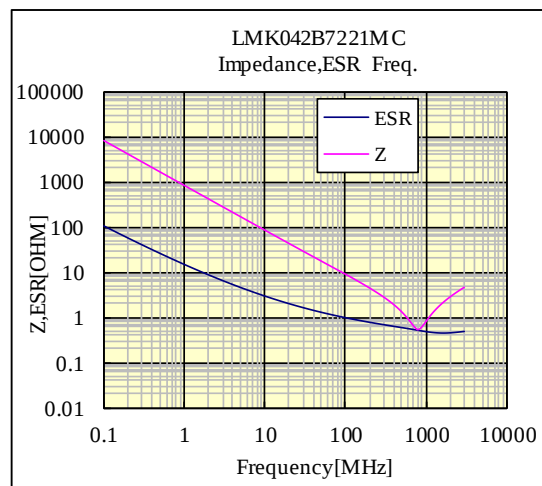
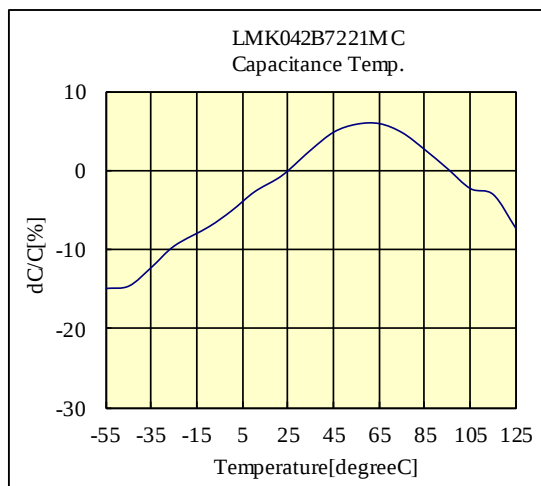
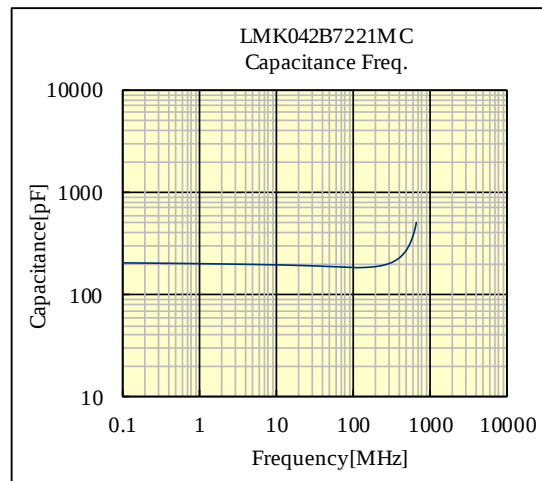
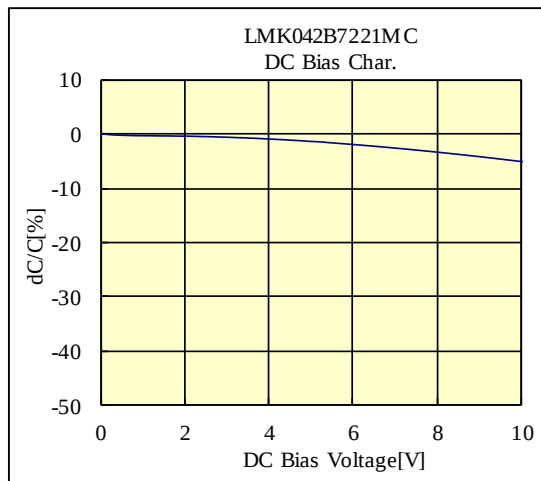
20SA04

RoHS compliance product

### ○LMK042B7221MC

10V 0402 X7R 220pF +/- 20% t=0.22mmMAX

10V 01005 X7R 220pF +/- 20% t=0.009inchMAX



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