

## Standard Multilayer Ceramic Capacitors (Temperature compensating type)

## TMK021CG1R7BK-W



## ■ Features

- Item Summary  
1.7pF±0.1pF, 25V,  
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 50000pcs

## ■ Products characteristics table

|                                               |                |
|-----------------------------------------------|----------------|
| Capacitance                                   | 1.7 pF ± 0.1pF |
| Case Size (EIA/JIS)                           | 008004/0201    |
| Rated Voltage                                 | 25 V           |
| Q (min)                                       | 434 at 1MHz    |
| Temperature Characteristic (EIA)              | C0G            |
| Operating Temp. Range (EIA)                   | -55 to +125 °C |
| Temperature Characteristic (JIS)              | CG             |
| Operating Temp. Range (JIS)                   | -55 to +125 °C |
| Temperature Characteristic                    | 0 ±30 ppm/°C   |
| High Temperature Loading<br>(% Rated Voltage) | 200 %          |
| Insulation Resistance (min)                   | 10 GΩ          |
| RoHS2 Compliance (10 subst.)                  | Yes            |
| REACH Compliance (168 subst.)                 | Yes            |
| Soldering                                     | Reflow         |

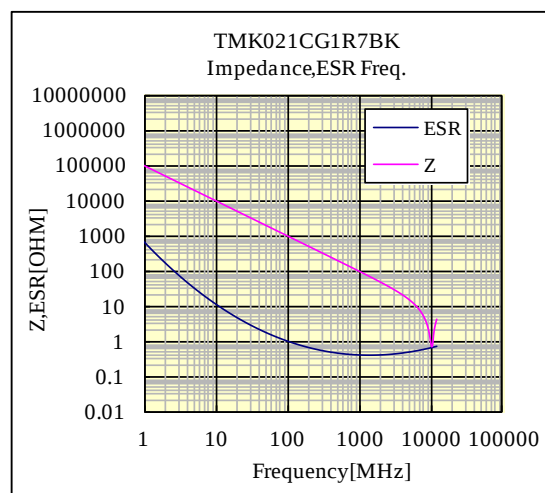
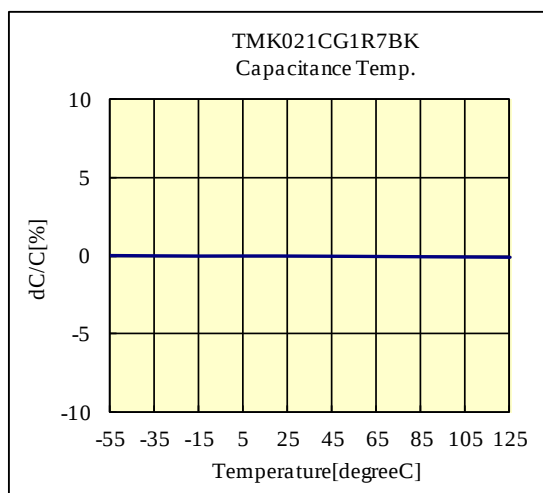
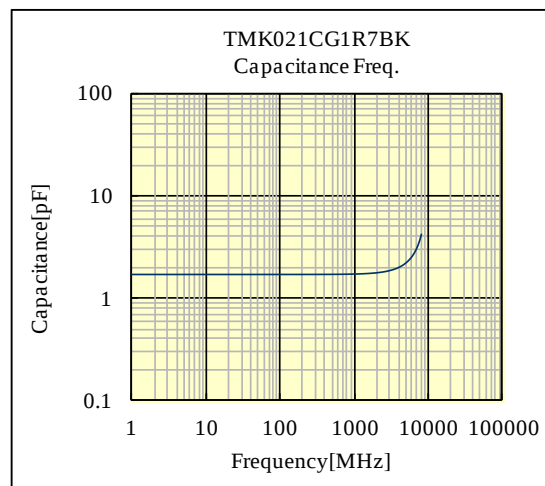
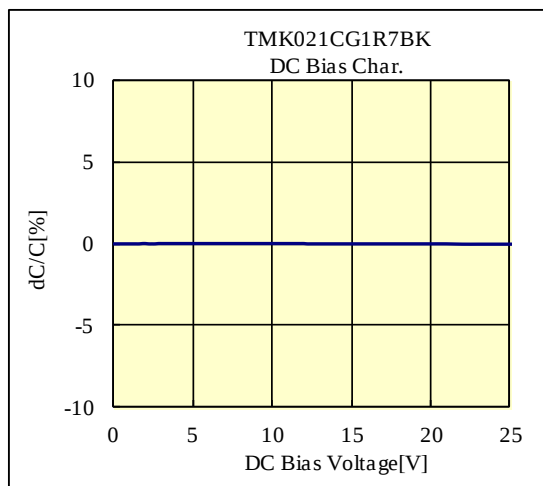
## ■ External Dimensions

|             |                   |
|-------------|-------------------|
| Dimension L | 0.25 ±0.013 mm    |
| Dimension W | 0.125 ±0.013 mm   |
| Dimension T | 0.125 ±0.013 mm   |
| Dimension e | 0.0675 ±0.0275 mm |

2016.10.02

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

## ○TMK021CG1R7BK

25V 0201 CG/C0G 1.7pF +/- 0.1pF t=0.138mmMAX25V 008004 CG/C0G 1.7pF +/- 0.1pF t=0.0054inchMAX

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