

Standard Multilayer Ceramic Capacitors (Temperature compensating type)

TMK021CG3R9BK-W



■ Features

- Item Summary  
3.9pF±0.1pF, 25V,  
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 50000pcs

■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 3.9 pF ± 0.1pF |
| Case Size (EIA/JIS)                           | 008004/0201    |
| Rated Voltage                                 | 25 V           |
| Q (min)                                       | 478 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 (173 subst.)                 | Yes            |
| Halogen Free                                  | 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 |

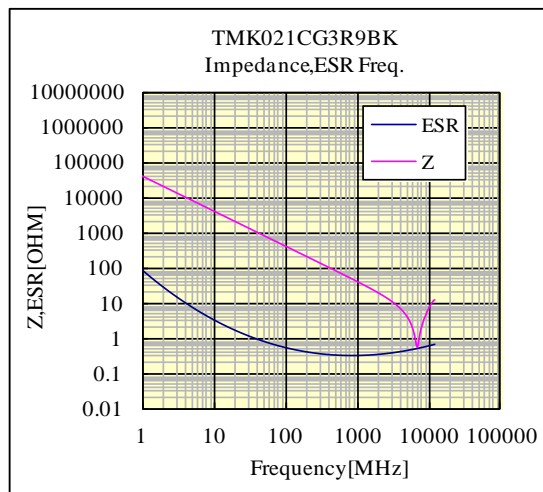
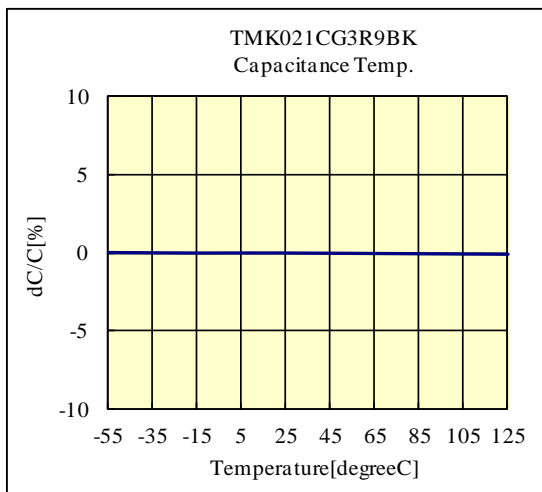
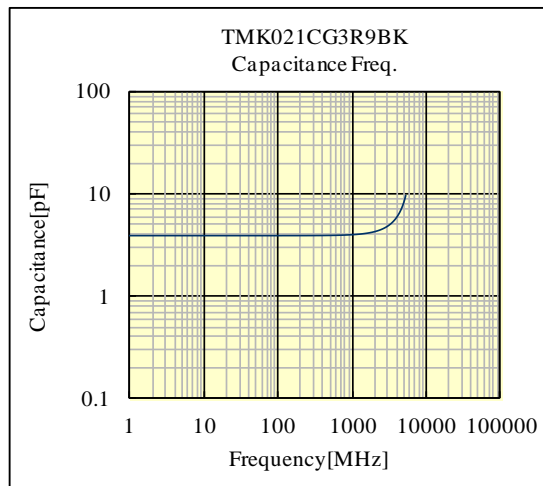
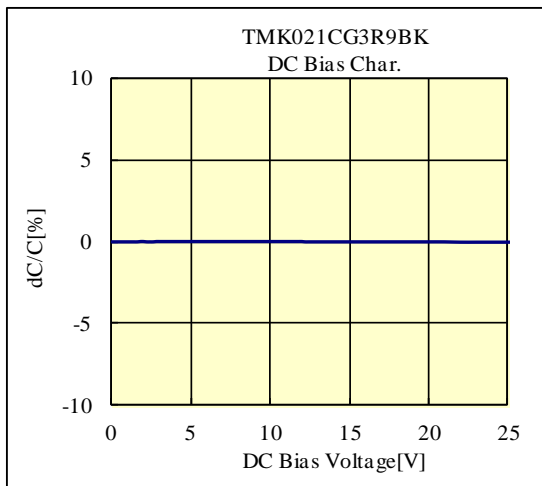
2017.04.30

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.

## ○TMK021CG3R9BK

25V 0201 CG/C0G 3.9pF +/- 0.1pF t=0.138mmMAX

25V 008004 CG/C0G 3.9pF +/- 0.1pF t=0.0054inchMAX



部品特性は設置環境、測定条件等により変化する場合があります。本データをご使用される際は実際の製品特性に対する参考データとしてご活用ください。また、本データは予告無く追加・削除及び変更を行う場合があります。ご注文の際は、納入仕様書のご確認をお願いします。

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.