

## Multilayer Ceramic Capacitors for High Frequency Applications

## TVS021CG010BK-W



#### ■ Features

- Item Summary  
1pF±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 pF ± 0.1pF   |
| Case Size (EIA/JIS)                           | 008004/0201    |
| Rated Voltage                                 | 25 V           |
| Q (min)                                       | 260 at 1GHz    |
| 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 |

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.

2017.11.13

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

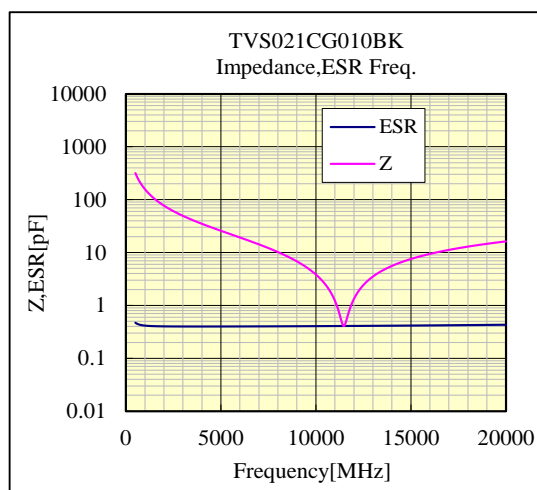
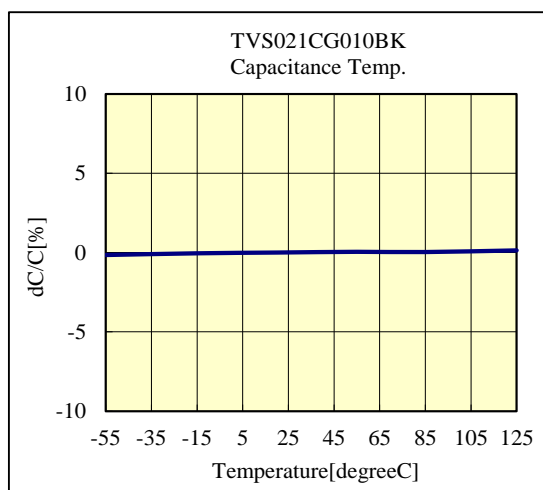
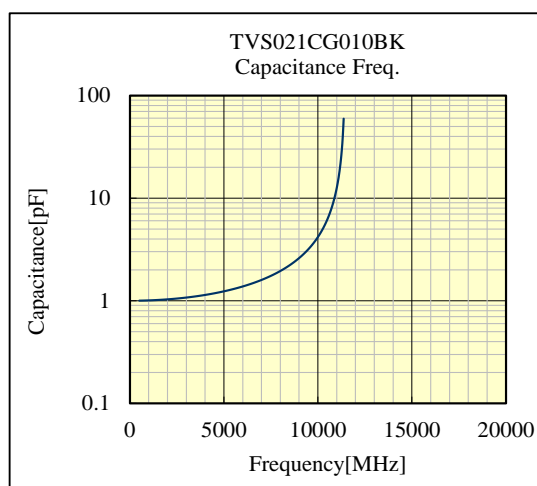
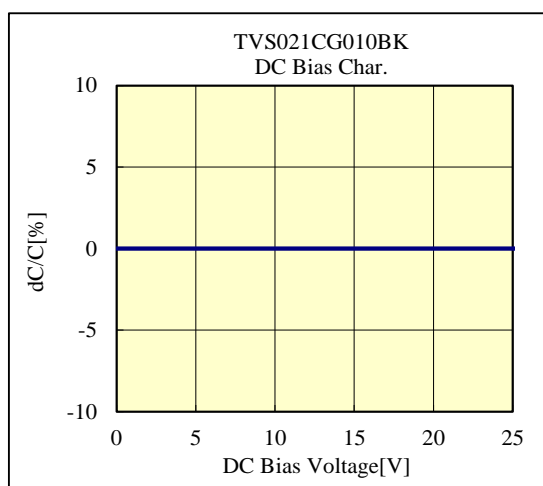
17CUD08

RoHS compliance product

### ○TVS021CG010BK

25V 0201 CG/C0G 1pF +/- 0.1pF t=0.138mmMAX

25V 008004 CG/C0G 1pF +/- 0.1pF t=0.0054inchMAX



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