

Multilayer Ceramic Capacitors for High Frequency Applications

EVS021CG8R8DK-W



■ Features

- Item Summary  
8.8pF±0.5pF, 16V,  
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 50000pcs

■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 8.8 pF ± 0.5pF |
| Case Size (EIA/JIS)                           | 008004/0201    |
| Rated Voltage                                 | 16 V           |
| Q (min)                                       | 50 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          |
| RoHS Compliance (10 subst.)                   | Yes            |
| REACH Compliance (209 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 |

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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-

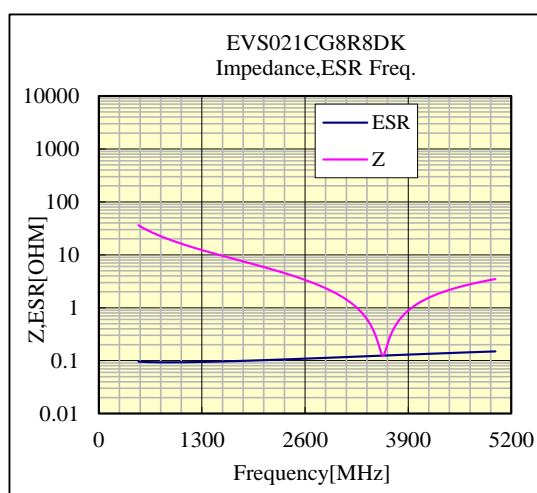
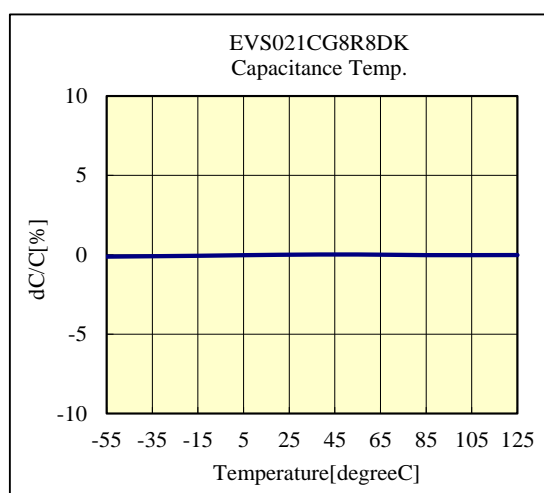
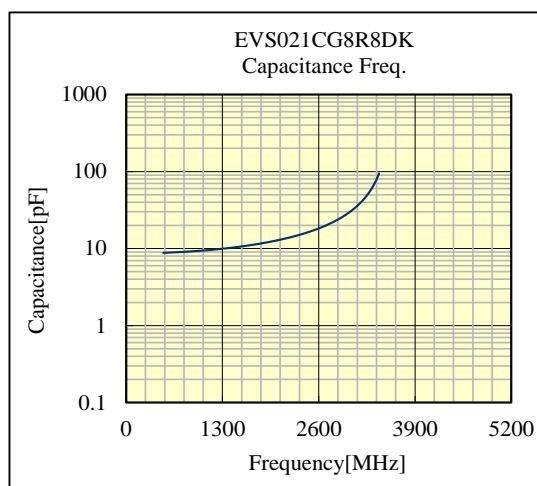
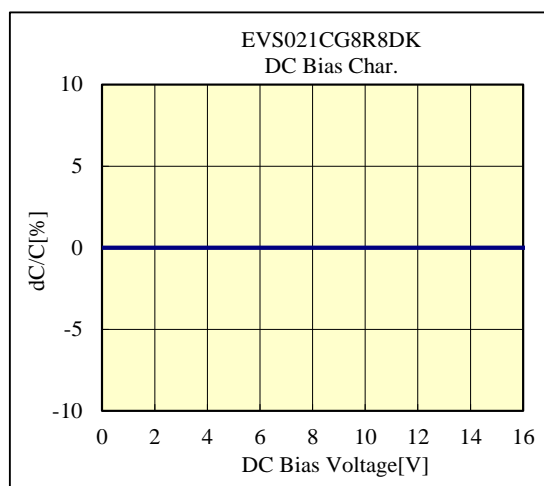
17CUD12

RoHS compliance product

### ○EVS021CG8R8DK

16V 0201 CG/C0G 8.8pF +/- 0.5pF t=0.138mmMAX

16V 008004 CG/C0G 8.8pF +/- 0.5pF t=0.0054inchMAX



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Before making final selection, please check product specification.

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