

Multilayer Ceramic Capacitors for High Frequency Applications

UVK105CG4R3JW-F



■ Features

- Item Summary  
4.3pF±5%, 50V,  
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Non-preferred
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 4.3 pF ± 5 %   |
| Case Size (EIA/JIS)                           | 0402/1005      |
| Rated Voltage                                 | 50 V           |
| Q (min)                                       | 84 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 | 1.0 ±0.05 mm  |
| Dimension W | 0.5 ±0.05 mm  |
| Dimension T | 0.5 ±0.05 mm  |
| Dimension e | 0.25 ±0.10 mm |

2021.07.01

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-

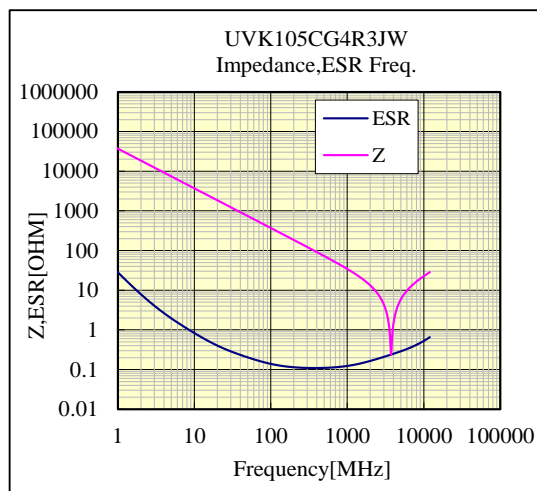
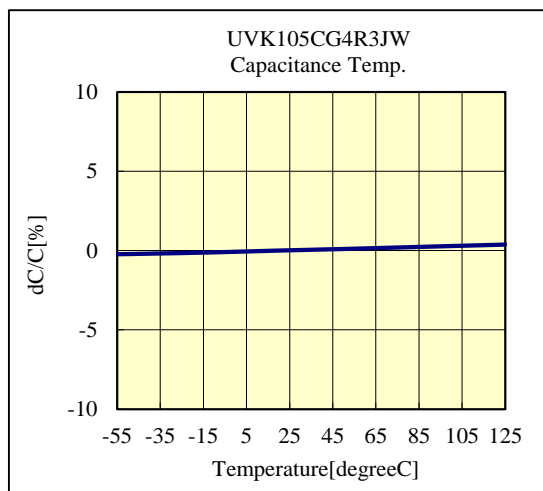
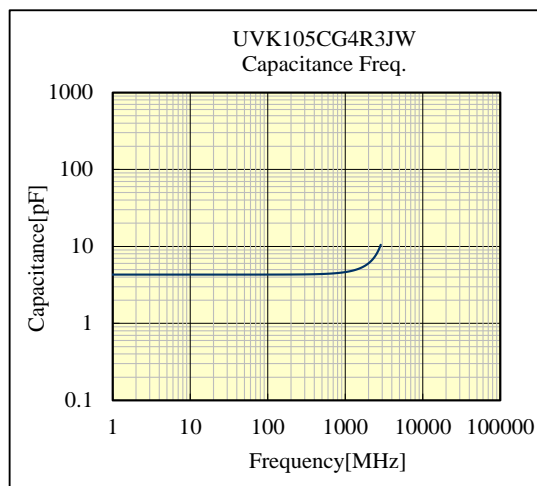
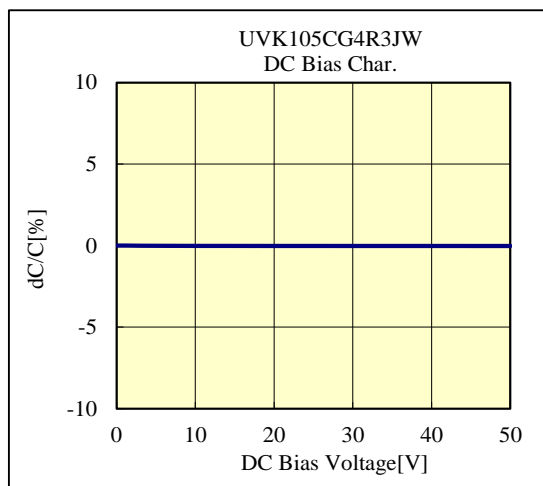
17RVD06

RoHS compliance product

### ○UVK105CG4R3JW

50V 1005 CG/C0G 4.3pF +/- 5% t=0.55mmMAX

50V 0402 CG/C0G 4.3pF +/- 5% t=0.022inchMAX



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Before making final selection, please check product specification.

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[>>Taiyo Yuden\(太阳诱电\)](#)