

## Multilayer Ceramic Capacitors for High Frequency Applications

## UVK105CG030JW-F



## ■ Features

- Item Summary  
3pF $\pm$ 5%, 50V,  
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

## ■ Products characteristics table

|                                               |                   |
|-----------------------------------------------|-------------------|
| Capacitance                                   | 3 pF $\pm$ 5 %    |
| Case Size (EIA/JIS)                           | 0402/1005         |
| Rated Voltage                                 | 50 V              |
| Q (min)                                       | 130 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 $\pm$ 30 ppm/°C |
| High Temperature Loading<br>(% Rated Voltage) | 200 %             |
| Insulation Resistance (min)                   | 10 G $\Omega$     |
| RoHS2 Compliance (10 subst.)                  | Yes               |
| REACH Compliance (181 subst.)                 | Yes               |
| Halogen Free                                  | Yes               |
| Soldering                                     | Reflow            |

## ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 1.0 $\pm$ 0.05 mm  |
| Dimension W | 0.5 $\pm$ 0.05 mm  |
| Dimension T | 0.5 $\pm$ 0.05 mm  |
| Dimension e | 0.25 $\pm$ 0.10 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-

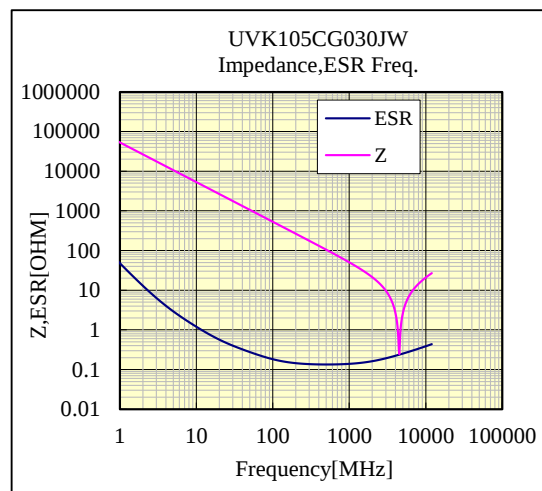
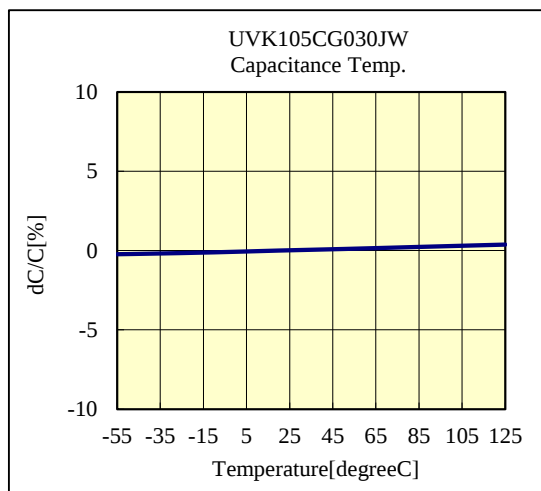
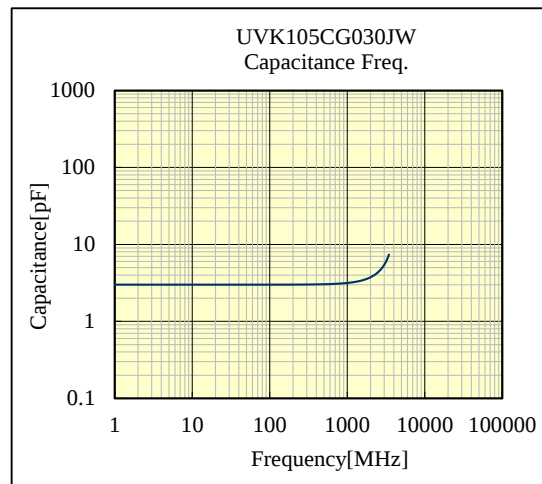
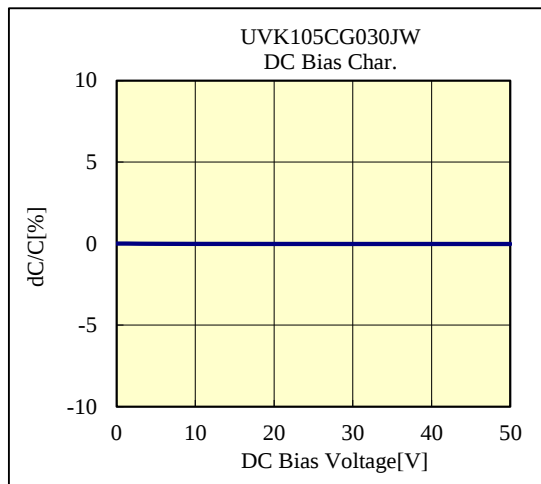
17RVD06

RoHS compliance product

### ○UVK105CG030JW

50V 1005 CG/C0G 3pF +/- 5% t=0.55mmMAX

50V 0402 CG/C0G 3pF +/- 5% t=0.022inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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