

## Standard Multilayer Ceramic Capacitors (Temperature compensating type)

## UMK105UJ101JV-F



## ■ Features

- Item Summary  
100pF±5%, 50V,  
U2J/UJ, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

## ■ Products characteristics table

|   |                  |
|---|------------------|
| Capacitance                                   | 100 pF ± 5 %     |
| Case Size (EIA/JIS)                           | 0402/1005        |
| Rated Voltage                                 | 50 V             |
| Q (min)                                       | 1000 at 1MHz     |
| Temperature Characteristic (EIA)              | U2J              |
| Operating Temp. Range (EIA)                   | -55 to +125 °C   |
| Temperature Characteristic (JIS)              | UJ               |
| Operating Temp. Range (JIS)                   | -55 to +125 °C   |
| Temperature Characteristic                    | -750 ±120 ppm/°C |
| High Temperature Loading<br>(% Rated Voltage) | 200 %            |
| Insulation Resistance (min)                   | 10 GΩ            |
| RoHS2 Compliance (10 subst.)                  | Yes              |
| REACH Compliance (181 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 |

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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 **TAIYO YUDEN**

-Electrical Characteristics Data-

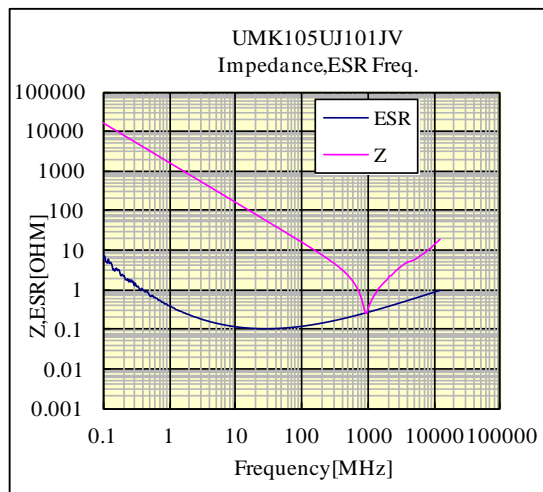
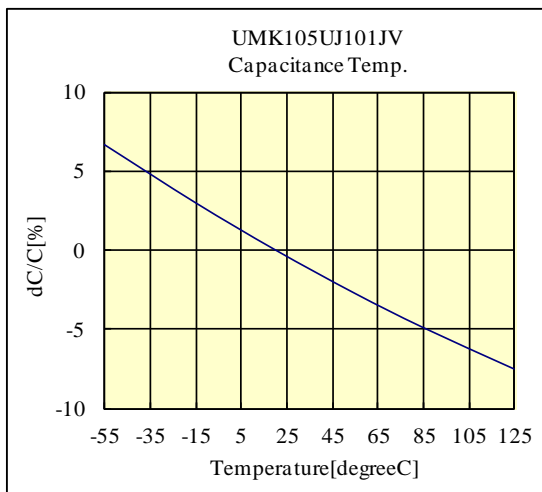
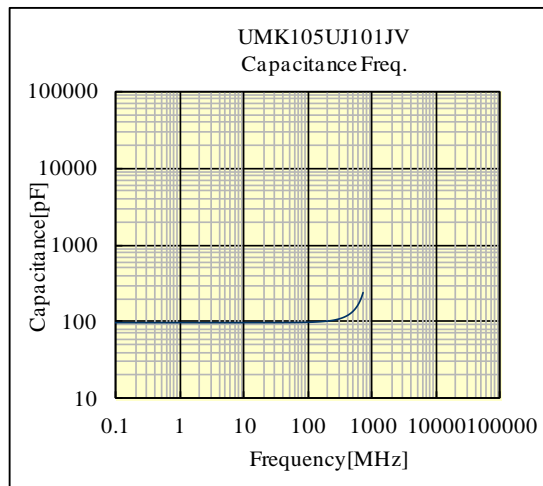
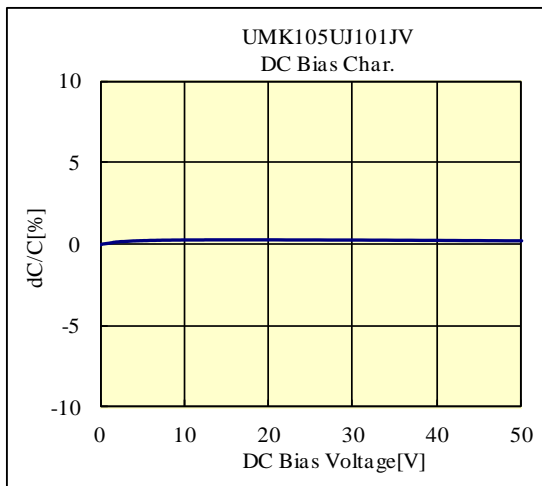
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RoHS compliance product

## ○UMK105UJ101JV

**50V 1005 UJ/U2J 100pF +/- 5% t=0.55mmMAX**

**50V 0402 UJ/U2J 100pF +/- 5% t=0.022inchMAX**



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