

## Standard Multilayer Ceramic Capacitors (Temperature compensating type)

## UMK105UK1R5CV-F



## ■ Features

- Item Summary  
1.5pF±0.25pF, 50V,  
U2K/UK, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

## ■ Products characteristics table

|   |                  |
|---|------------------|
| Capacitance                                   | 1.5 pF ± 0.25pF  |
| Case Size (EIA/JIS)                           | 0402/1005        |
| Rated Voltage                                 | 50 V             |
| Q (min)                                       | 430 at 1MHz      |
| Temperature Characteristic (EIA)              | U2K              |
| Operating Temp. Range (EIA)                   | -55 to +125 °C   |
| Temperature Characteristic (JIS)              | UK               |
| Operating Temp. Range (JIS)                   | -55 to +125 °C   |
| Temperature Characteristic                    | -750 ±250 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 |

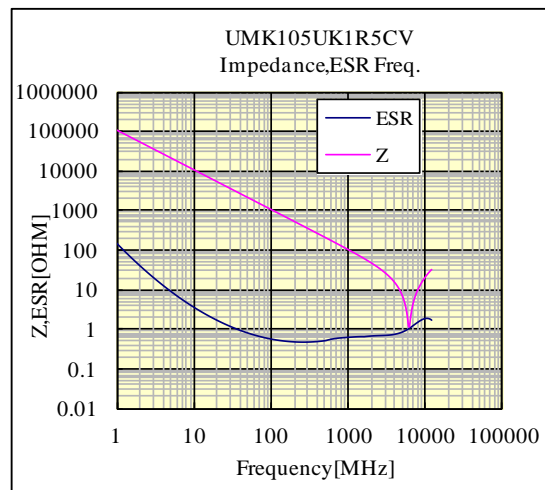
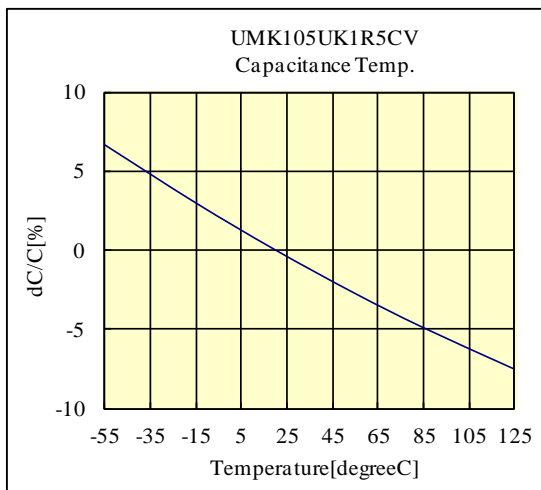
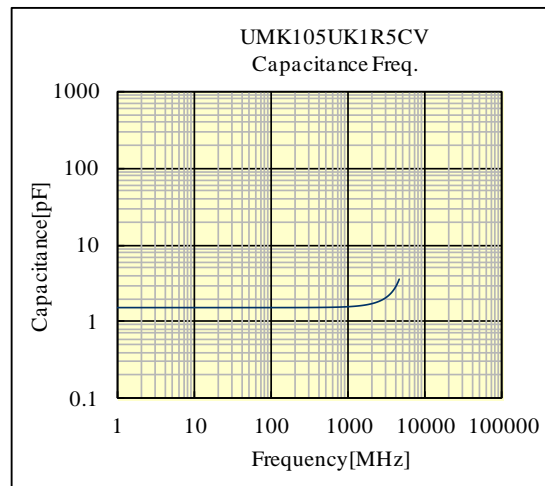
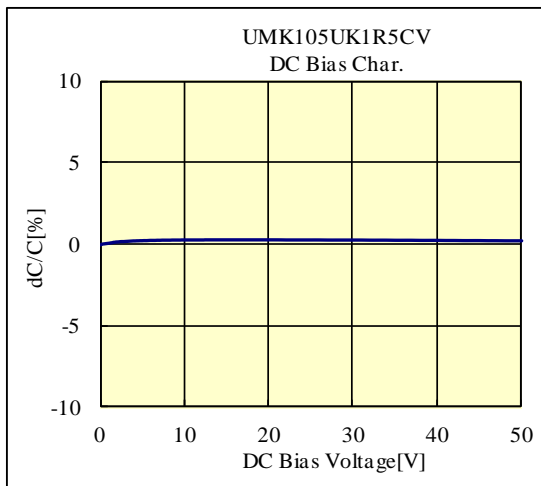
The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
 Before making final selection, please check product specification.

2018.08.22

## ○UMK105UK1R5CV

**50V 1005 UK/U2K 1.5pF +/- 0.25pF t=0.55mmMAX**

**50V 0402 UK/U2K 1.5pF +/- 0.25pF t=0.022inchMAX**



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Before making final selection, please check product specification.

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