

## Standard Multilayer Ceramic Capacitors (Temperature compensating type)

## UMK063CG1R6CT-F



## ■ Features

- Item Summary  
1.6pF±0.25pF, 50V,  
C0G/CG, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 15000pcs

## ■ Products characteristics table

|   |                 |
|---|-----------------|
| Capacitance                                   | 1.6 pF ± 0.25pF |
| Case Size (EIA/JIS)                           | 0201/0603       |
| Rated Voltage                                 | 50 V            |
| Q (min)                                       | 432 at 1MHz     |
| 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           |
| RoHS2 Compliance (10 subst.)                  | Yes             |
| REACH Compliance (181 subst.)                 | Yes             |
| Halogen Free                                  | Yes             |
| Soldering                                     | Reflow          |

## ■ External Dimensions

|             |               |
|-------------|---------------|
| Dimension L | 0.6 ±0.03 mm  |
| Dimension W | 0.3 ±0.03 mm  |
| Dimension T | 0.3 ±0.03 mm  |
| Dimension e | 0.15 ±0.05 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.

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# Multi Layer Ceramic Capacitor

# TAIYO YUDEN

-Electrical Characteristics Data-

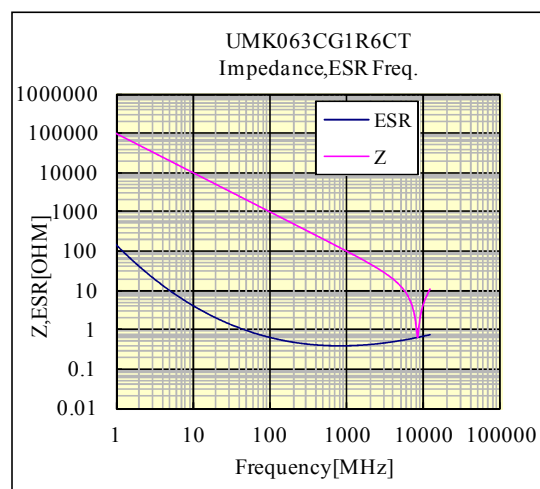
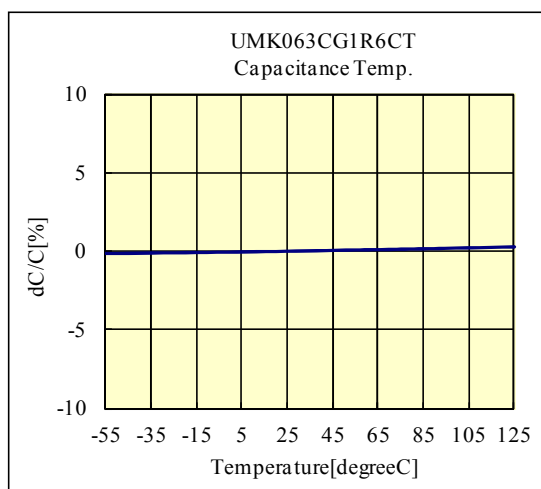
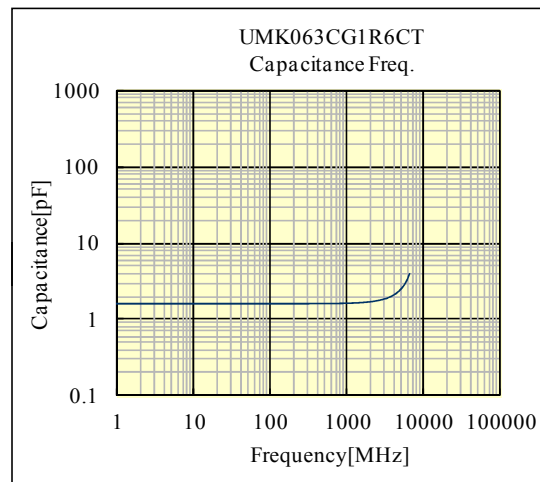
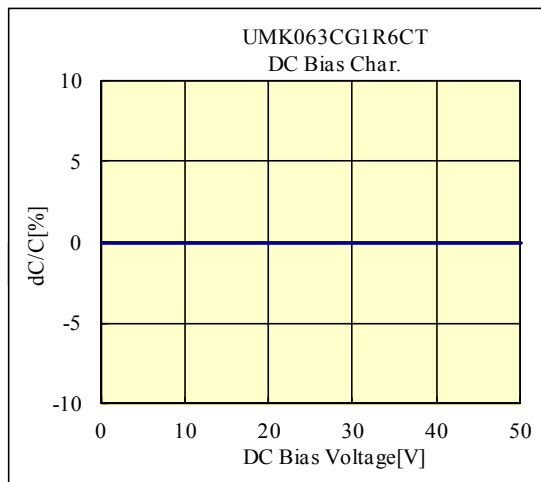
16CDD02

RoHS compliance product

## ○UMK063CG1R6CT

50V 0603 CG/C0G 1.6pF +/- 0.25pF t=0.33mmMAX

50V 0201 CG/C0G 1.6pF +/- 0.25pF t=0.013inchMAX



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Before making final selection, please check product specification.

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