

## Multilayer Ceramic Capacitors (Temperature compensating type)

## TMK063CG511JT-F



## ■ Features

- Item Summary  
510pF $\pm$ 5%, 25V,  
C0G/CG, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping paper 15000pcs

## ■ Products characteristics table

|                                               |                   |
|-----------------------------------------------|-------------------|
| Capacitance                                   | 510 pF $\pm$ 5 %  |
| Case Size (EIA/JIS)                           | 0201/0603         |
| Rated Voltage                                 | 25 V              |
| Q (min)                                       | 1000 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 $\pm$ 30 ppm/°C |
| High Temperature Loading<br>(% Rated Voltage) | 200 %             |
| Insulation Resistance (min)                   | 10 G $\Omega$     |
| RoHS Compliance (10 subst.)                   | Yes               |
| REACH Compliance (205 subst.)                 | Yes               |
| Halogen Free                                  | Yes               |
| Soldering                                     | Reflow            |

## ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 0.6 $\pm$ 0.03 mm  |
| Dimension W | 0.3 $\pm$ 0.03 mm  |
| Dimension T | 0.3 $\pm$ 0.03 mm  |
| Dimension e | 0.15 $\pm$ 0.05 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-

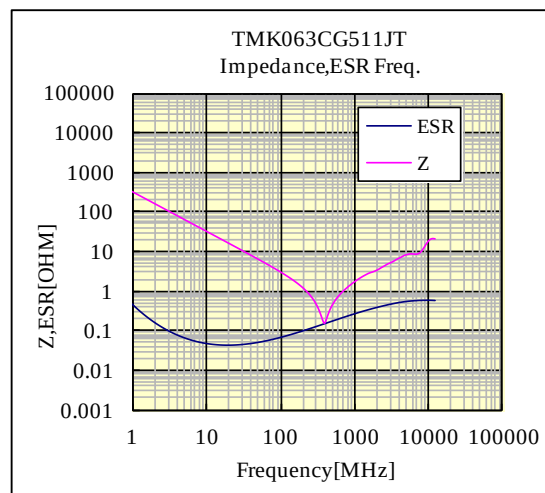
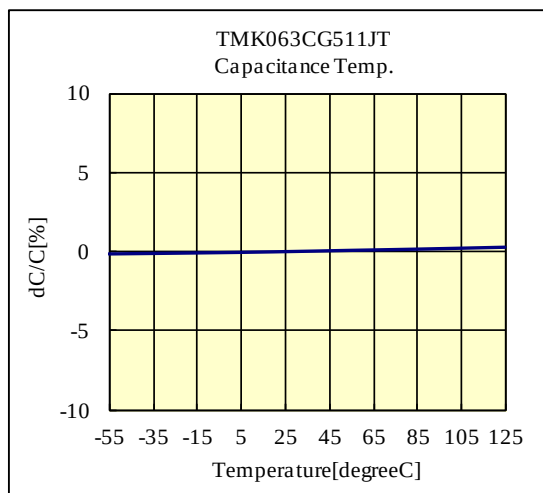
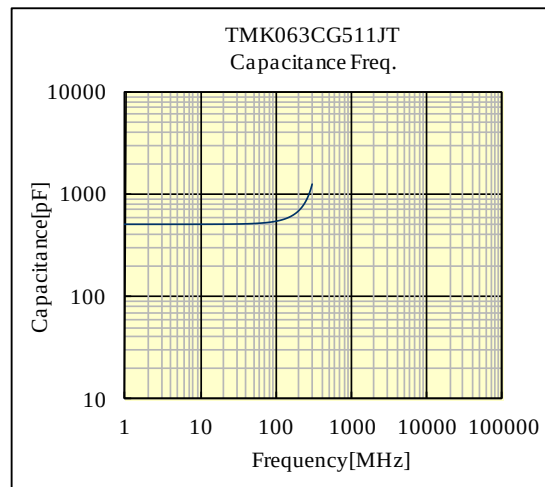
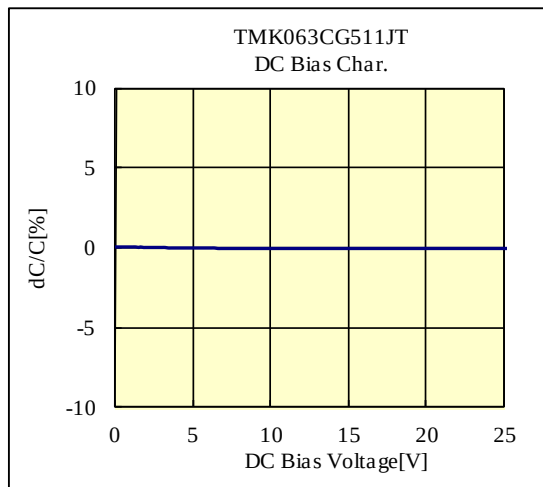
16CDD08

RoHS compliance product

### ○TMK063CG511JT

25V 0603 CG/C0G 510pF +/- 5% t=0.33mmMAX

25V 0201 CG/C0G 510pF +/- 5% t=0.013inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



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