

Multilayer Ceramic Capacitors (Temperature compensating type)

LMK042CG221JC-W



■ Features

- Item Summary  
220pF±5%, 10V,  
C0G/CG, 01005/0402 (EIA/JIS)
- Lifecycle Stage  
Non-preferred
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 220 pF ± 5 %   |
| Case Size (EIA/JIS)                           | 01005/0402     |
| Rated Voltage                                 | 10 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 ±30 ppm/°C   |
| High Temperature Loading<br>(% Rated Voltage) | 200 %          |
| Insulation Resistance (min)                   | 10 GΩ          |
| RoHS Compliance (10 subst.)                   | Yes            |
| REACH Compliance (209 subst.)                 | Yes            |
| Halogen Free                                  | Yes            |
| Soldering                                     | Reflow         |

■ External Dimensions

|             |               |
|-------------|---------------|
| Dimension L | 0.4 ±0.02 mm  |
| Dimension W | 0.2 ±0.02 mm  |
| Dimension T | 0.2 ±0.02 mm  |
| Dimension e | 0.10 ±0.03 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-

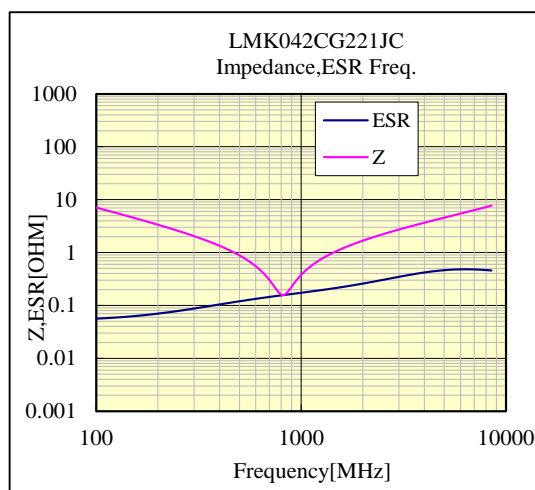
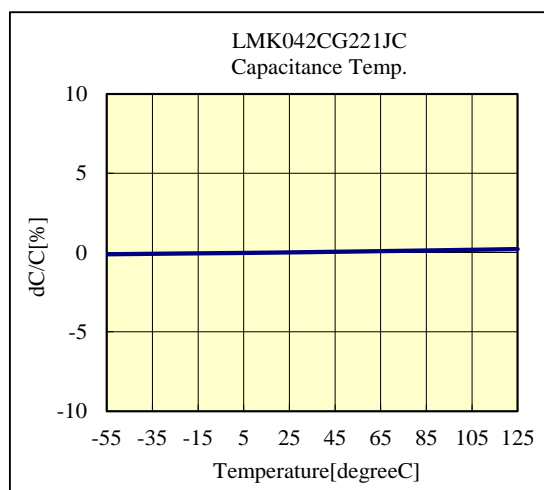
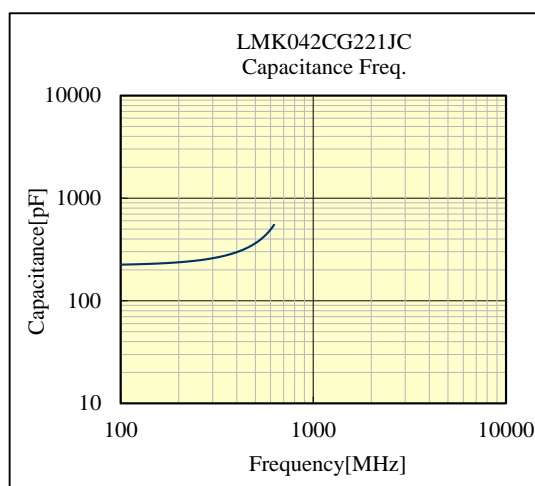
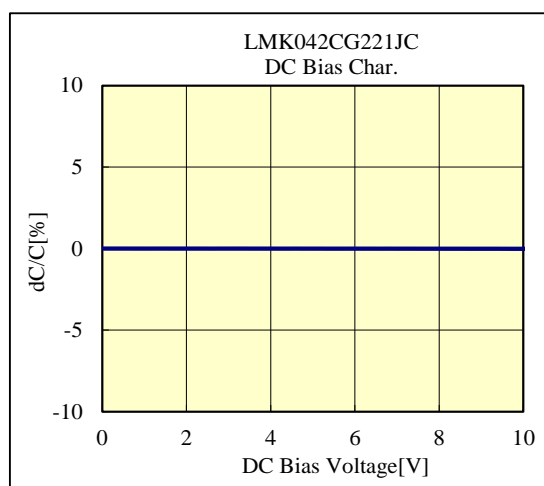
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RoHS compliance product

### ○LMK042CG221JC

10V 0402 CG/C0G 220pF +/- 5% t=0.22mmMAX

10V 01005 CG/C0G 220pF +/- 5% t=0.009inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



## REMINDERS

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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment\*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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[>>Taiyo Yuden\(太阳诱电\)](#)