

## Standard Multilayer Ceramic Capacitors (Temperature compensating type)

### UMK105CG150JV-F



#### ■ Features

- Item Summary  
15pF±5%, 50V,  
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

#### ■ Products characteristics table

|                                  |                |
|----------------------------------|----------------|
| Capacitance                      | 15 pF ± 5 %    |
| Case Size (EIA/JIS)              | 0402/1005      |
| Rated Voltage                    | 50 V           |
| Q (min)                          | 700 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   |
| HALT (% Rated Voltage)           | 200 %          |
| Insulation Resistance (min)      | 10 GΩ          |
| RoHS2 Compliance                 | Yes            |
| REACH Compliance                 | 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.  
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 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor **TAIYO YUDEN**

-Electrical Characteristics Data-

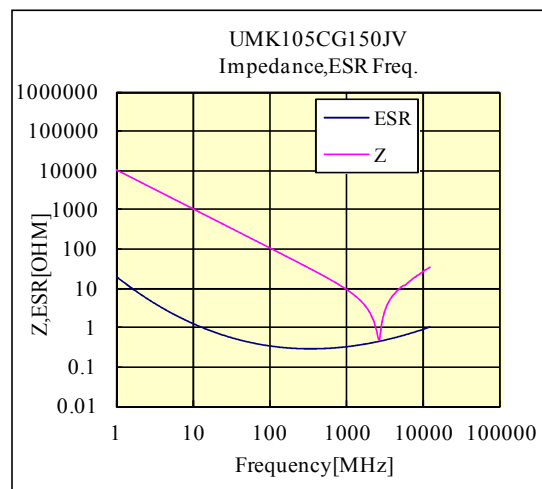
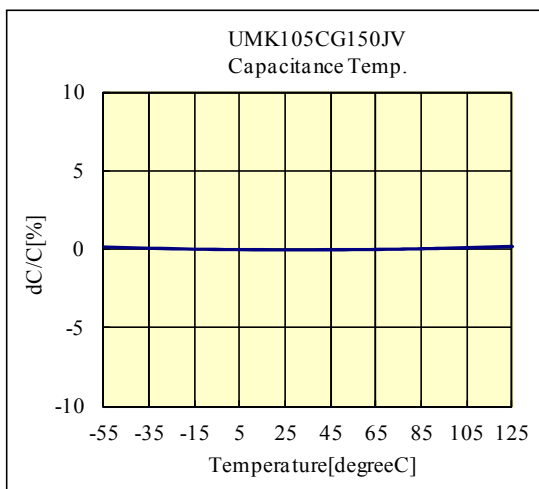
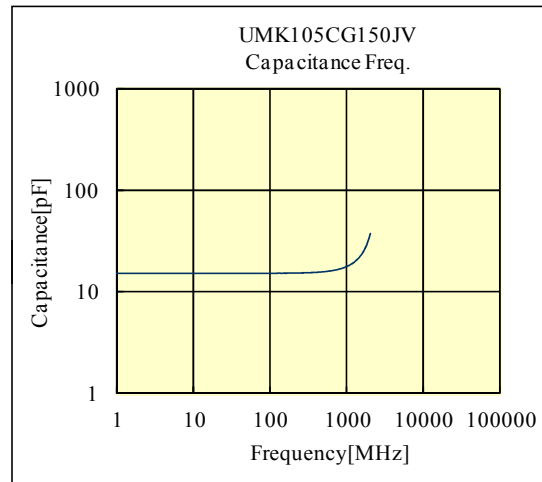
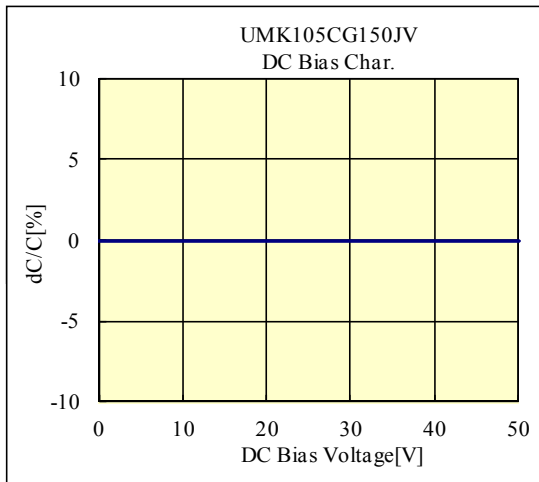
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RoHS compliance product

## ○UMK105CG150JV

50V 1005 CG/C0G 15pF +/- 5% t=0.55mmMAX

50V 0402 CG/C0G 15pF +/- 5% t=0.022inchMAX



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