

Multilayer Ceramic Capacitors

UMK105CG102JV-F



■ Features

- Item Summary
1000pF±5%, 50V,
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 1000 pF ± 5 % |
| Case Size (EIA/JIS) | 0402/1005 |
| Rated Voltage | 50 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 (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 10 GΩ |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 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 |

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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

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-Electrical Characteristics Data-

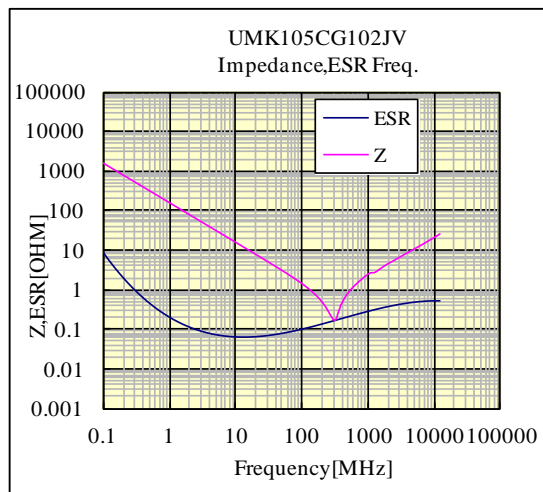
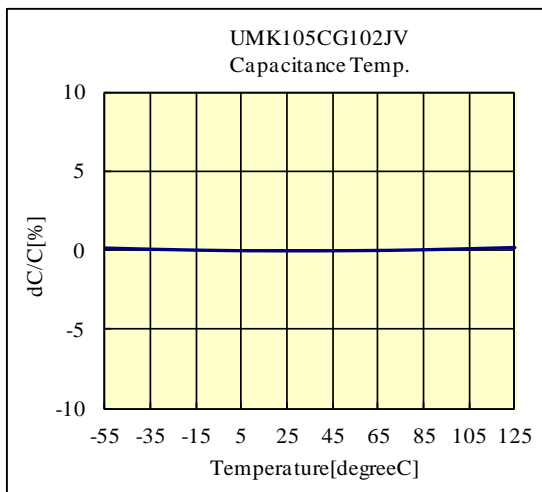
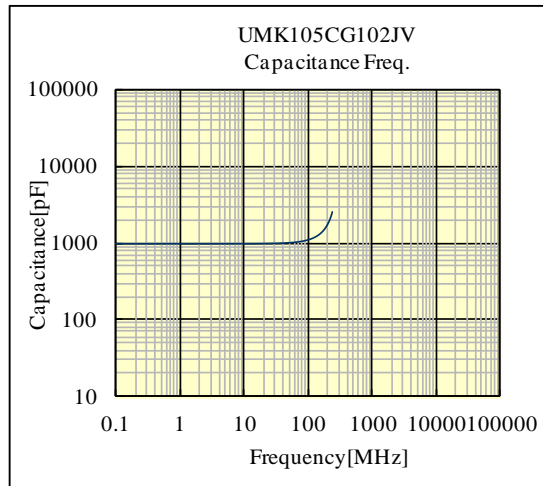
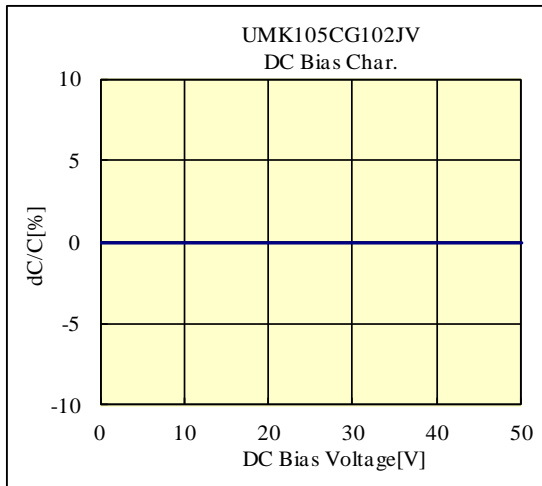
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RoHS compliance product

○UMK105CG102JV

50V 1005 CG/C0G 1000pF +/- 5% t=0.55mmMAX

50V 0402 CG/C0G 1000pF +/- 5% t=0.022inchMAX



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