

## Multilayer Ceramic Capacitors

## HMK105CG270JV-F



## ■ Features

- Item Summary  
27pF±5%, 100V,  
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

## ■ Products characteristics table

|                                               |                |
|-----------------------------------------------|----------------|
| Capacitance                                   | 27 pF ± 5 %    |
| Case Size (EIA/JIS)                           | 0402/1005      |
| Rated Voltage                                 | 100 V          |
| Q (min)                                       | 940 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 (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 |

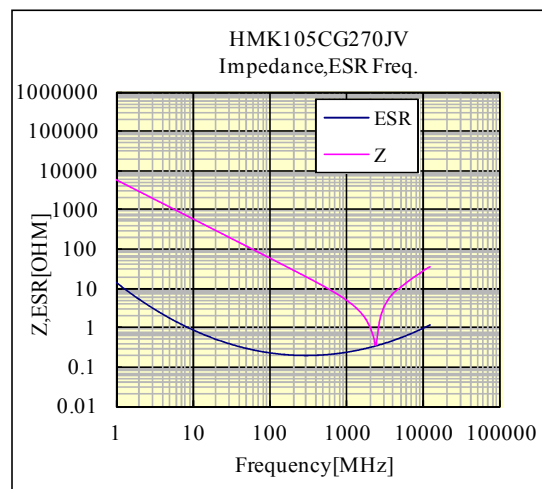
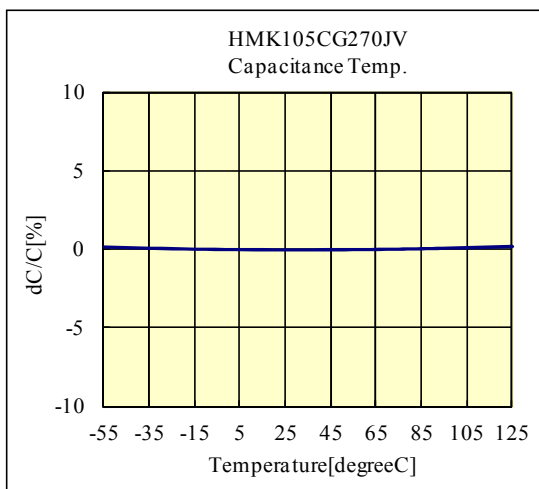
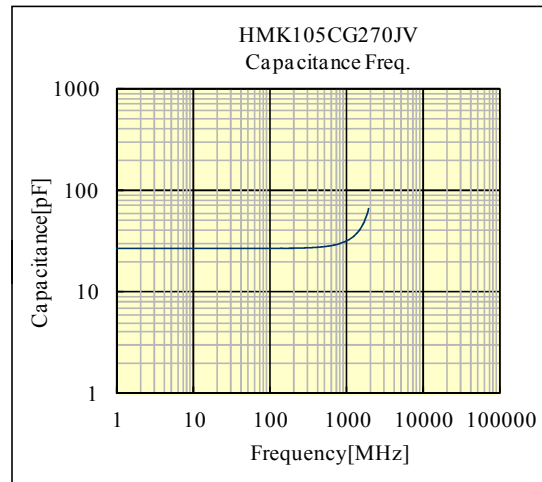
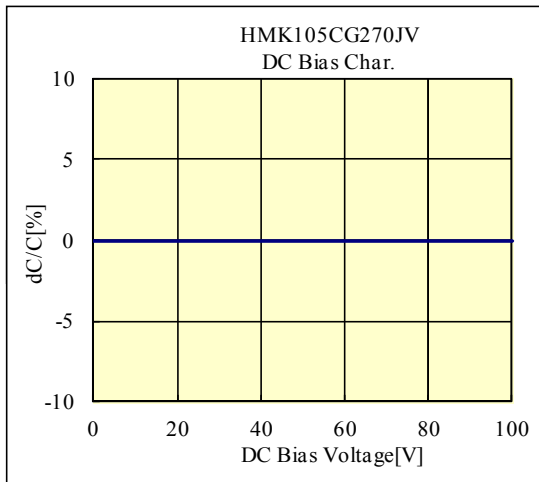
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

## ○HMK105CG270JV

**100V 1005 CG/C0G 27pF +/- 5% t=0.55mmMAX**

**100V 0402 CG/C0G 27pF +/- 5% t=0.022inchMAX**



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