

## Multilayer Ceramic Capacitors

## HMK105CG180JV-F



## ■ Features

- Item Summary  
18pF±5%, 100V,  
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

## ■ Products characteristics table

Capacitance	18 pF ± 5 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	100 V
Q (min)	760 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

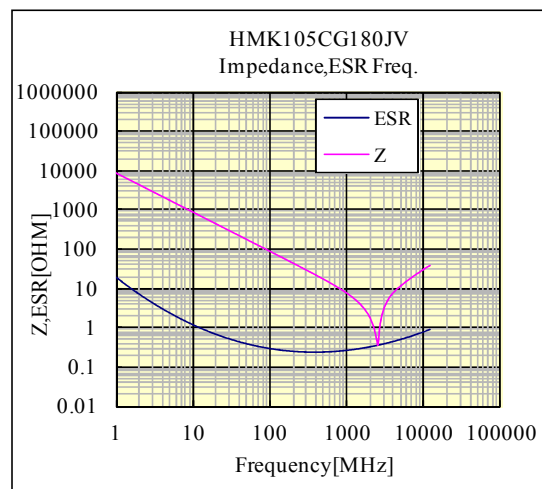
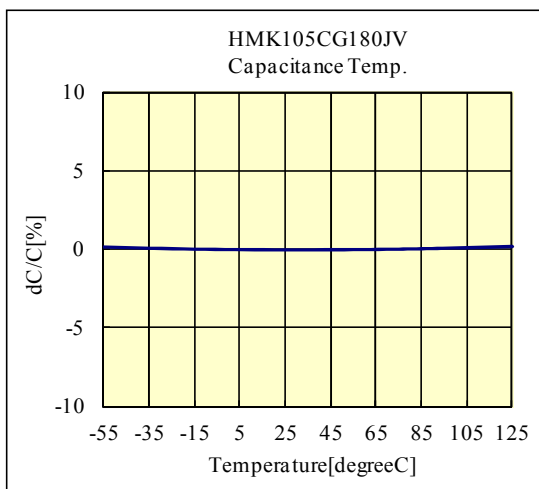
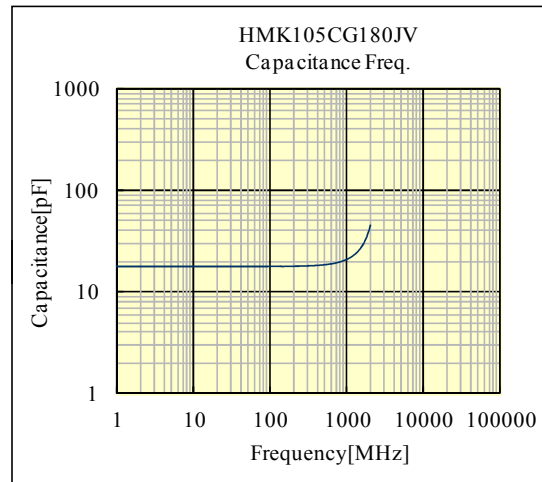
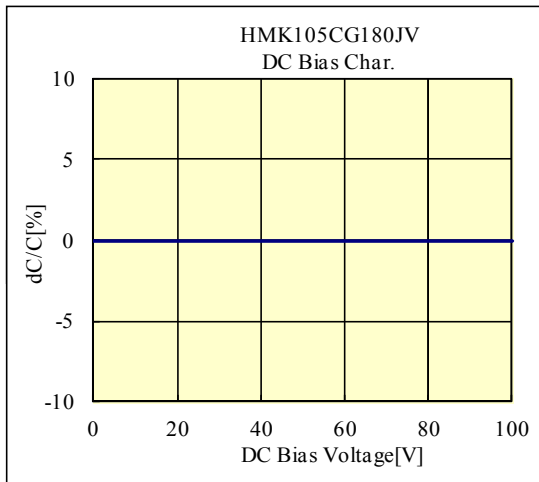
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
 Before making final selection, please check product specification.

## ○HMK105CG180JV

**100V 1005 CG/C0G 18pF +/- 5% t=0.55mmMAX**

**100V 0402 CG/C0G 18pF +/- 5% t=0.022inchMAX**



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