

Medium-High Voltage Multilayer Ceramic Capacitors

HMK105CG090DV-F



■ Features

- Item Summary
9pF±0.5pF, 100V,
C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

Capacitance	9 pF ± 0.5pF
Case Size (EIA/JIS)	0402/1005
Rated Voltage	100 V
Q (min)	580 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
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 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

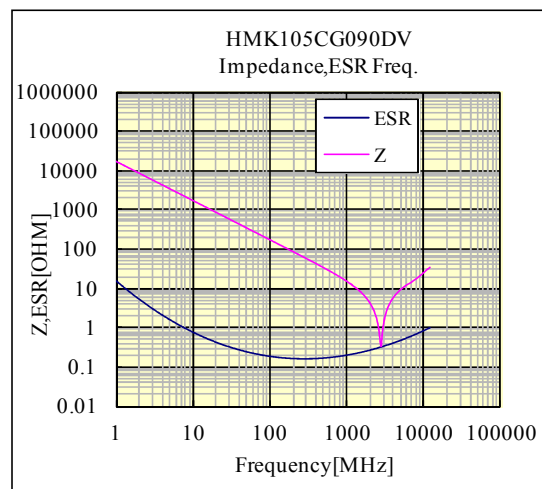
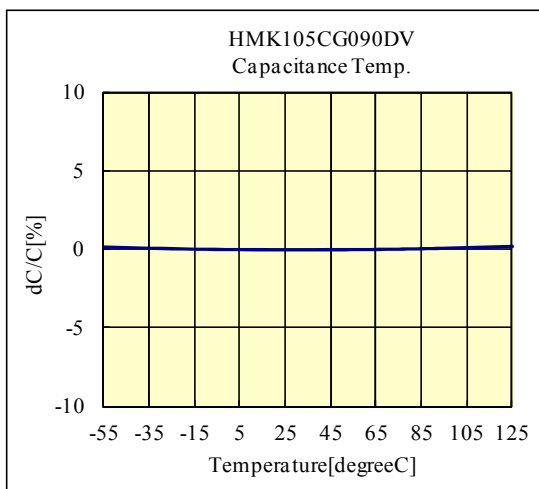
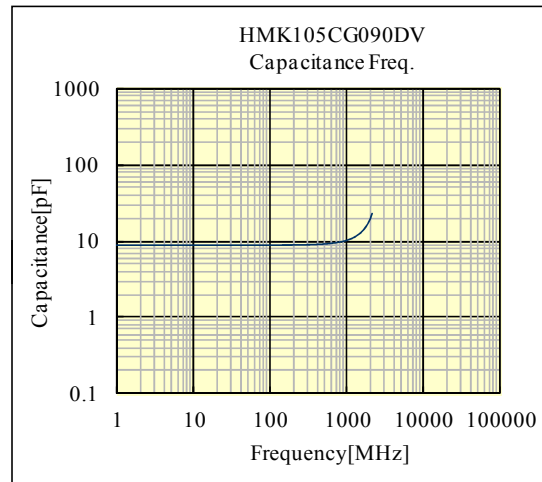
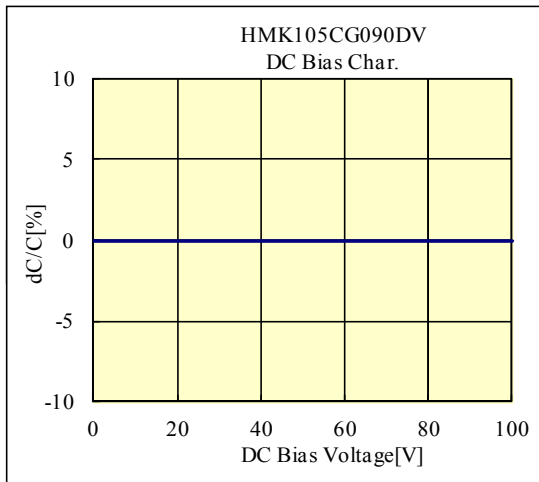
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
 Before making final selection, please check product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

○HMK105CG090DV

100V 1005 CG/C0G 9pF +/- 0.5pF t=0.55mmMAX

100V 0402 CG/C0G 9pF +/- 0.5pF t=0.022inchMAX



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