

Standard Multilayer Ceramic Capacitors (Temperature compensating type)

TMK021CG8R1CK-W



■ Features

- Item Summary
8.1pF±0.25pF, 25V,
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 50000pcs

■ Products characteristics table

Capacitance	8.1 pF ± 0.25pF
Case Size (EIA/JIS)	008004/0201
Rated Voltage	25 V
Q (min)	562 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	0.25 ±0.013 mm
Dimension W	0.125 ±0.013 mm
Dimension T	0.125 ±0.013 mm
Dimension e	0.0675 ±0.0275 mm

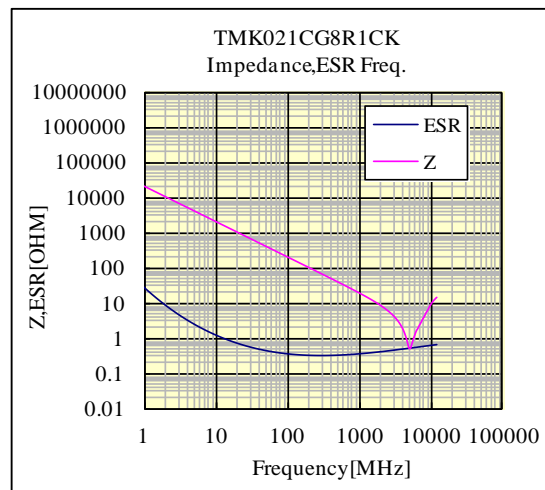
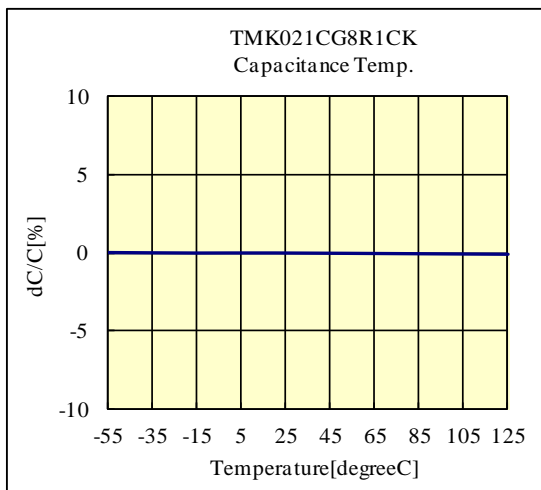
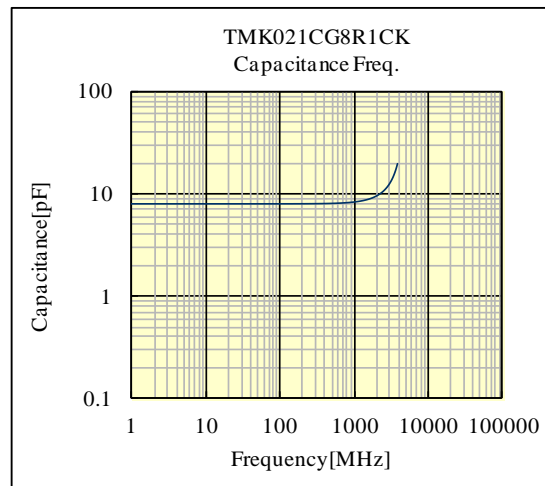
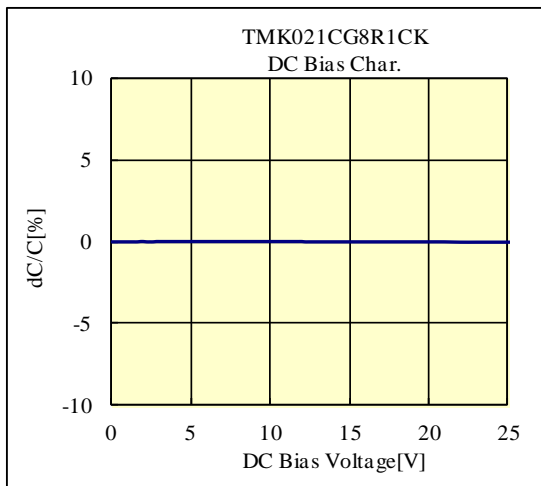
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

○TMK021CG8R1CK

25V 0201 CG/C0G 8.1pF +/- 0.25pF t=0.138mmMAX

25V 008004 CG/C0G 8.1pF +/- 0.25pF t=0.0054inchMAX



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