

Standard Multilayer Ceramic Capacitors (Temperature compensating type)

TMK021CG0R5BK-W



■ Features

- Item Summary  
0.5pF±0.1pF, 25V,  
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 50000pcs

■ Products characteristics table

Capacitance	0.5 pF ± 0.1pF
Case Size (EIA/JIS)	008004/0201
Rated Voltage	25 V
Q (min)	410 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

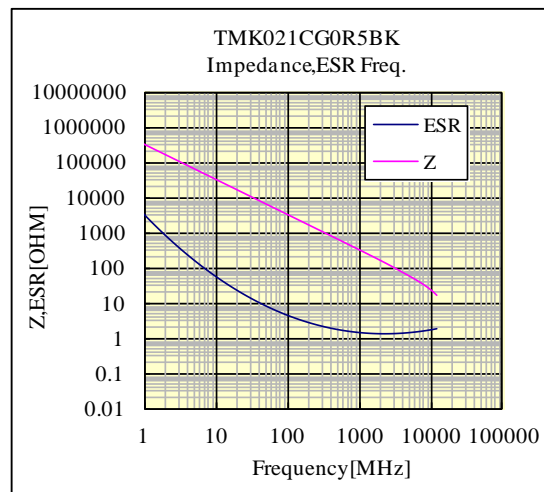
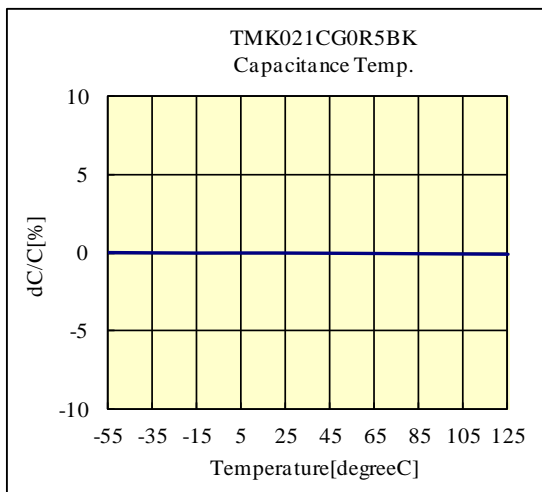
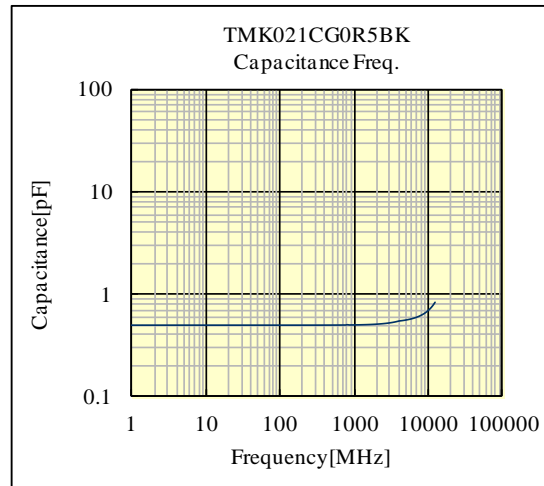
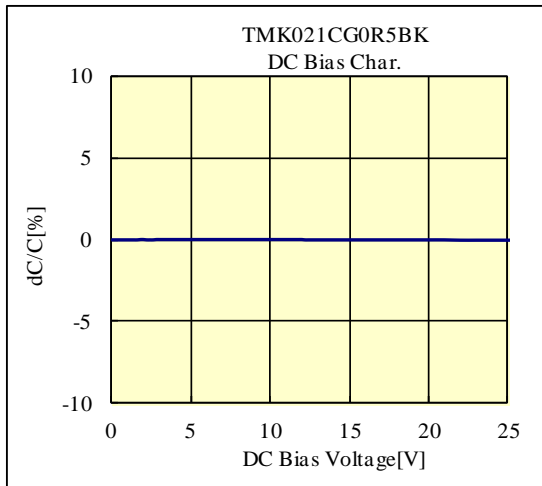
2017.04.30

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.

## ○TMK021CG0R5BK

25V 0201 CG/C0G 0.5pF +/- 0.1pF t=0.138mmMAX

25V 008004 CG/C0G 0.5pF +/- 0.1pF t=0.0054inchMAX



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