

Multilayer Ceramic Capacitors (Temperature compensating type)

TMK021CG0R8BK-W



■ Features

- Item Summary  
0.8pF±0.1pF, 25V,  
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 50000pcs

■ Products characteristics table

Capacitance	0.8 pF ± 0.1pF
Case Size (EIA/JIS)	008004/0201
Rated Voltage	25 V
Q (min)	416 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 (209 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

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.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

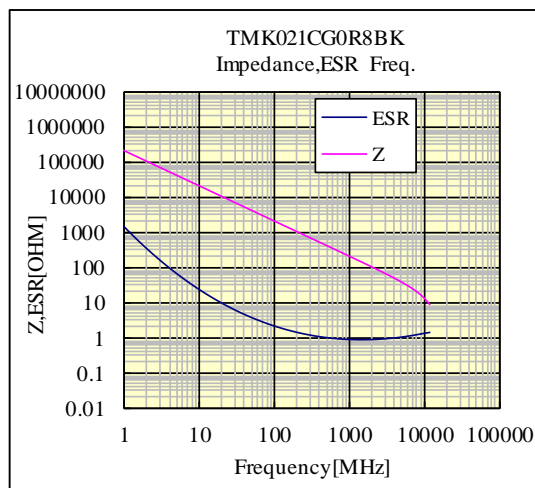
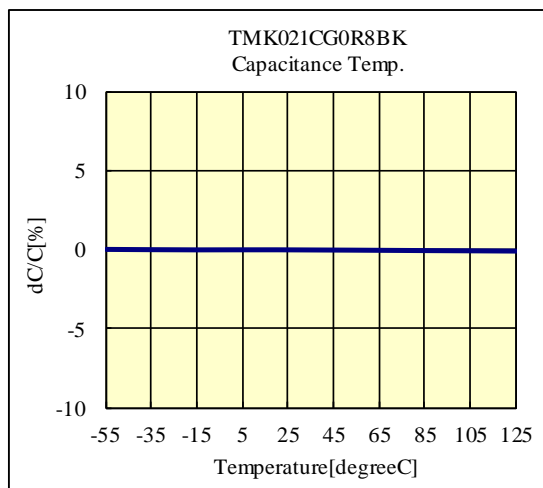
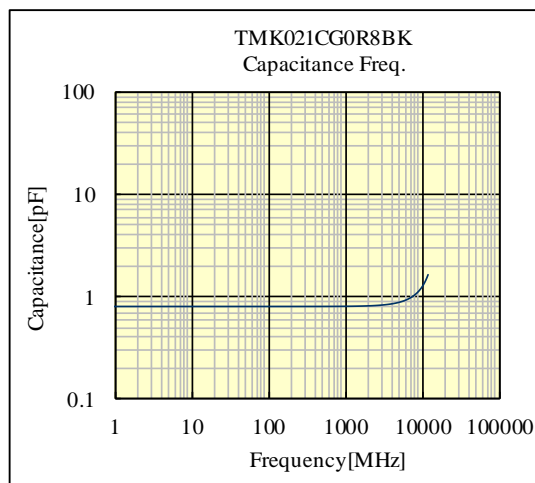
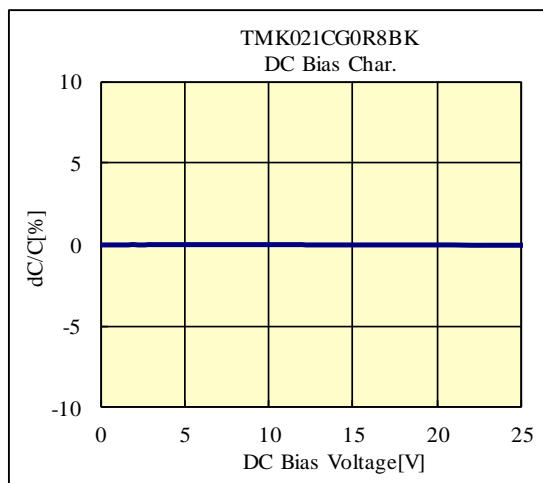
18CDD10

RoHS compliance product

### ○TMK021CG0R8BK

25V 0201 CG/C0G 0.8pF +/- 0.1pF t=0.138mmMAX

25V 008004 CG/C0G 0.8pF +/- 0.1pF t=0.0054inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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