

Multilayer Ceramic Capacitors for High Frequency Applications

EVS021CG7R8BK-W



■ Features

- Item Summary  
7.8pF±0.1pF, 16V,  
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 50000pcs

■ Products characteristics table

Capacitance	7.8 pF ± 0.1pF
Case Size (EIA/JIS)	008004/0201
Rated Voltage	16 V
Q (min)	50 at 1GHz
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

2021.07.01

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-

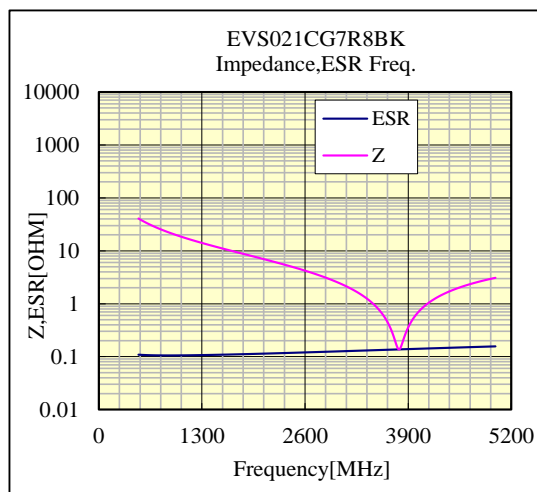
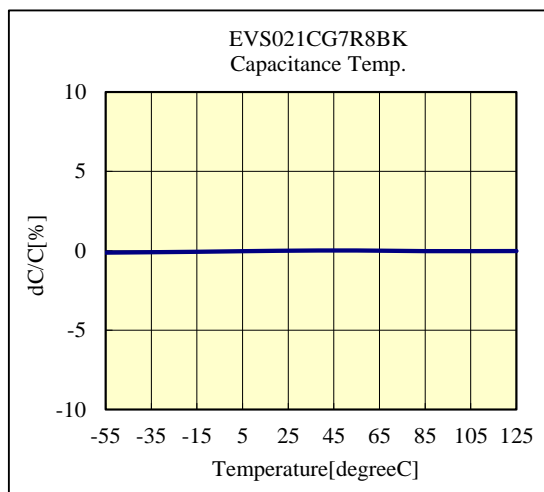
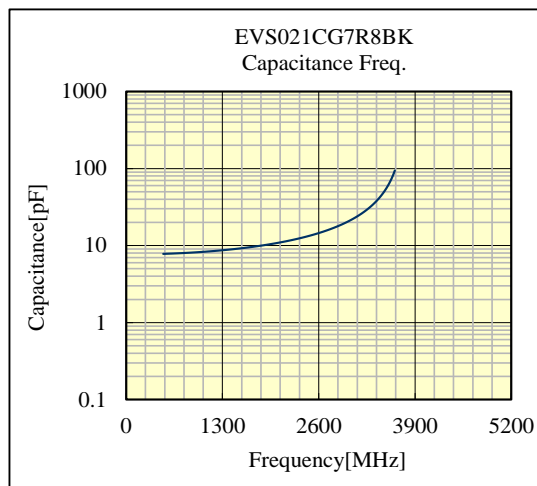
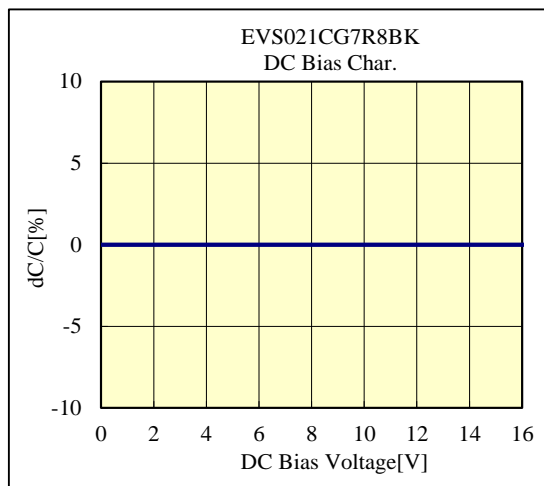
17CUD12

RoHS compliance product

### ○EVS021CG7R8BK

16V 0201 CG/C0G 7.8pF +/- 0.1pF t=0.138mmMAX

16V 008004 CG/C0G 7.8pF +/- 0.1pF t=0.0054inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



## REMINDERS

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[>>Taiyo Yuden\(太阳诱电\)](#)