

## Multilayer Ceramic Capacitors

## TVS042CG7R5BC-W



## ■ Features

- Item Summary  
7.5pF±0.1pF, 25V,  
C0G/CG, 01005/0402 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

## ■ Products characteristics table

Capacitance	7.5 pF ± 0.1pF
Case Size (EIA/JIS)	01005/0402
Rated Voltage	25 V
Q (min)	55 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 (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	0.4 ±0.02 mm
Dimension W	0.2 ±0.02 mm
Dimension T	0.2 ±0.02 mm
Dimension e	0.10 ±0.03 mm

2022.05.31

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.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

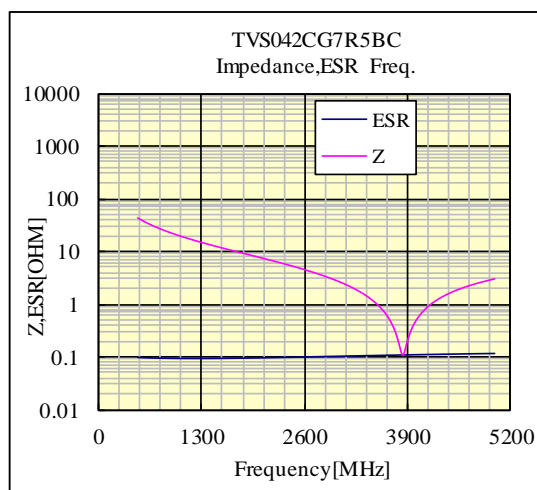
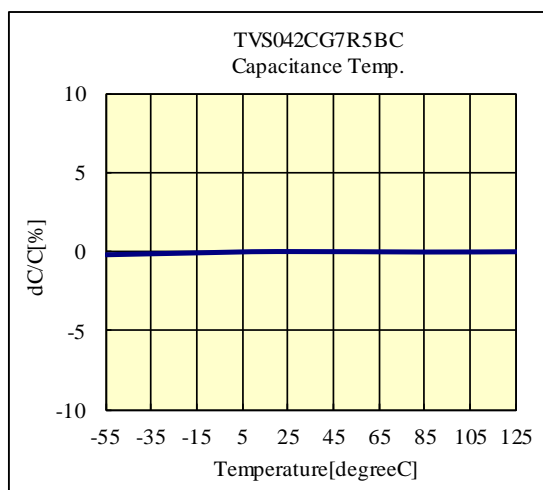
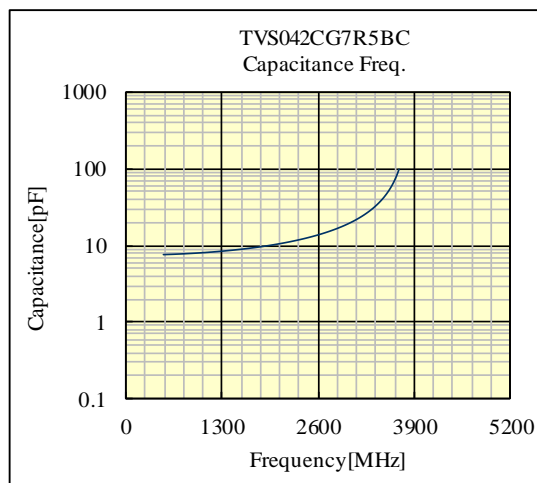
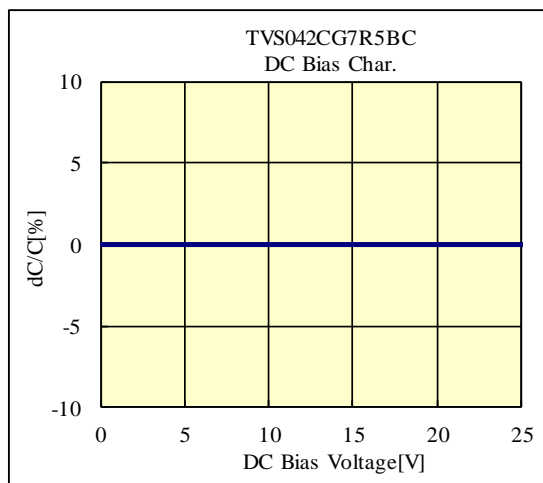
19CUD02

RoHS compliance product

### ○TVS042CG7R5BC

25V 0402 CG/C0G 7.5pF +/- 0.1pF t=0.22mmMAX

25V 01005 CG/C0G 7.5pF +/- 0.1pF t=0.009inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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