

## High Value Multilayer Ceramic Capacitors (High dielectric type)

### EMK042B7102KC-W



#### ■ Features

- Item Summary  
16V, X7R, 1000pF, ±10%, 01005
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

#### ■ Products characteristics table

CaseSize (EIA/JIS)	01005/0402
Rated Voltage (max)	16V
Capacitance	1000pF
Capacitance Tolerance	±10%
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125°C/-
Capacitance Change (EIA/JIS)	±15/-%
Dielectric Loss Tangent	5%MAX
Resistance	10,000 MΩ min.
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### ■ External Dimensions

L	0.4mm ±0.02
W	0.2mm ±0.02
T	0.2mm ±0.02
e	0.1mm ±0.03

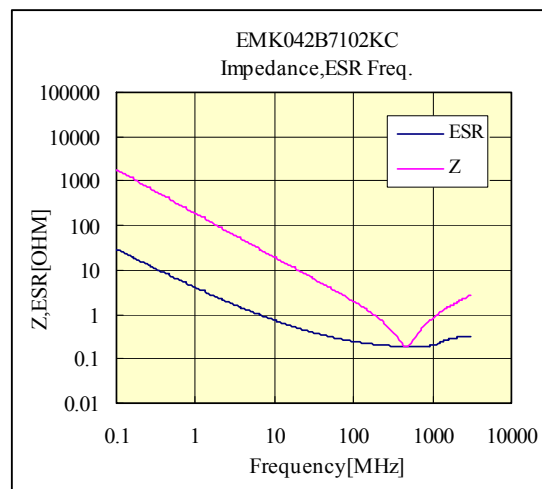
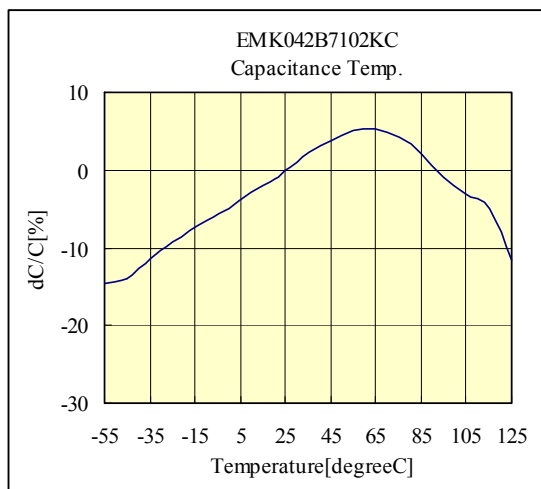
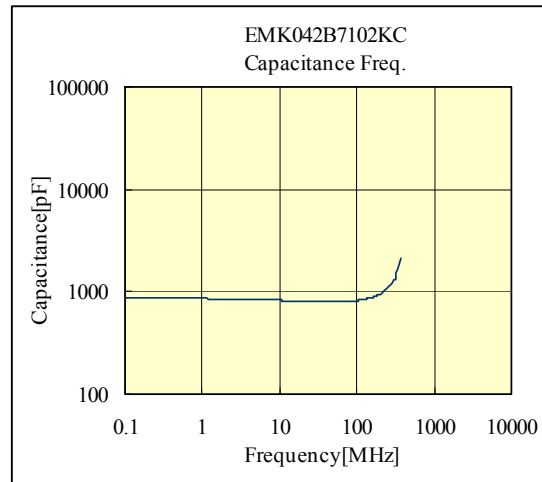
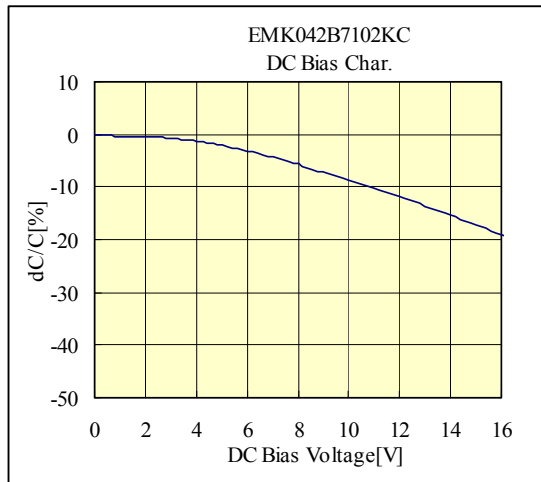
2015.07.09

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.

## ○EMK042B7102KC

16V 0402 X7R 1000pF +/- 10% t=0.22mmMAX

16V 01005 X7R 1000pF +/- 10% t=0.009inchMAX



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