

Multilayer Ceramic Capacitors (High dielectric type)

EMK042B7102KC-W



■ Features

- Item Summary
1000pF±10%, 16V,
X7R, 01005/0402 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

Capacitance	1000 pF ± 10 %
Case Size (EIA/JIS)	01005/0402
Rated Voltage	16 V
tan δ (max)	5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °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	0.4 ±0.02 mm
Dimension W	0.2 ±0.02 mm
Dimension T	0.2 ±0.02 mm
Dimension e	0.10 ±0.03 mm

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

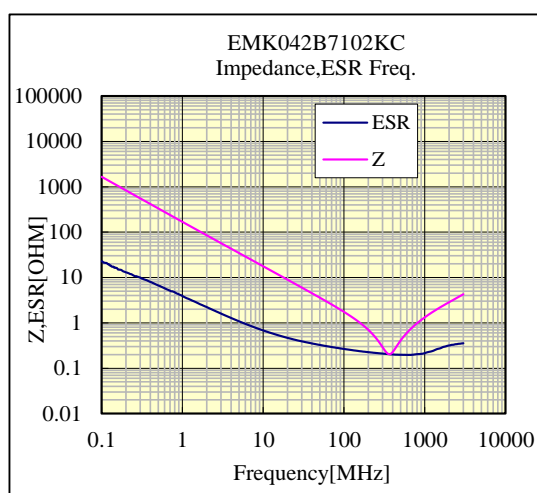
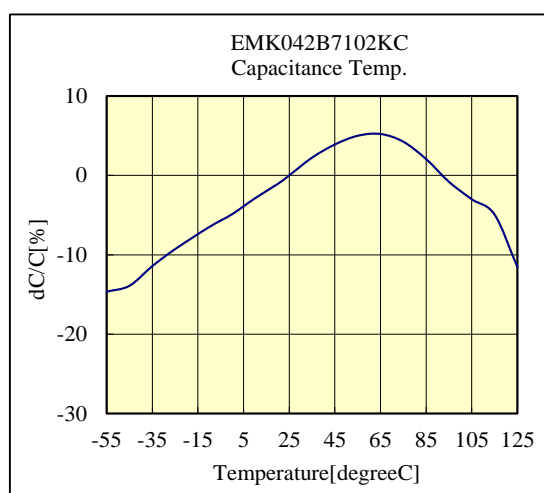
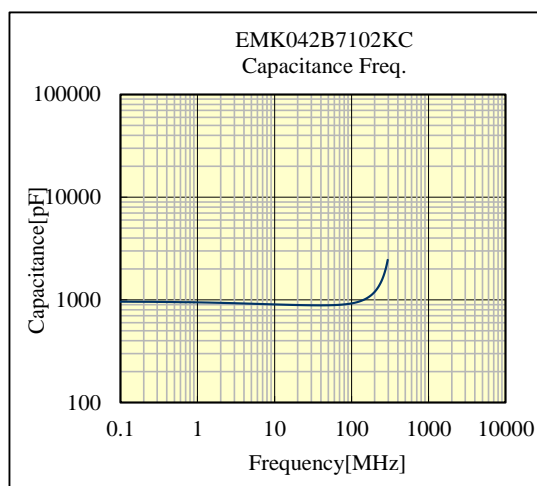
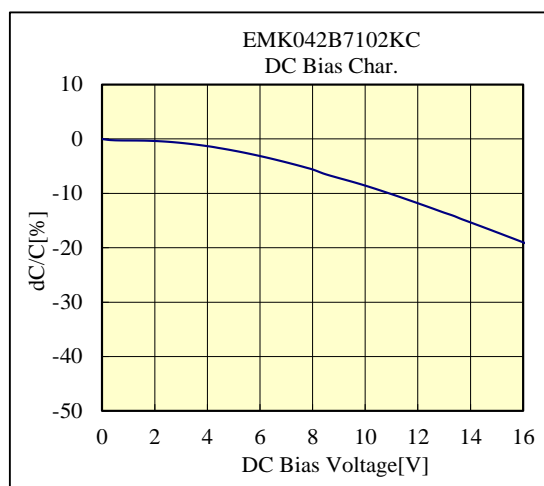
-Electrical Characteristics Data-

17SA12

RoHS compliance product

○EMK042B7102KC

16V 0402 X7R 1000pF +/- 10% t=0.22mmMAX
16V 01005 X7R 1000pF +/- 10% t=0.009inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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[>>Taiyo Yuden\(太阳诱电\)](#)