

Multilayer Ceramic Capacitors

EMK042B7221KC-W



■ Features

- Item Summary
220pF $\pm$ 10%, 16V,
X7R, 01005/0402 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

Capacitance	220 pF $\pm$ 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 G Ω
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	0.4 $\pm$ 0.02 mm
Dimension W	0.2 $\pm$ 0.02 mm
Dimension T	0.2 $\pm$ 0.02 mm
Dimension e	0.10 $\pm$ 0.03 mm

2022.05.26

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-

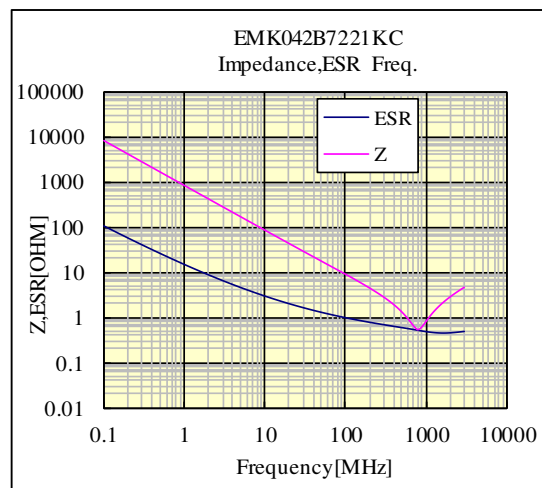
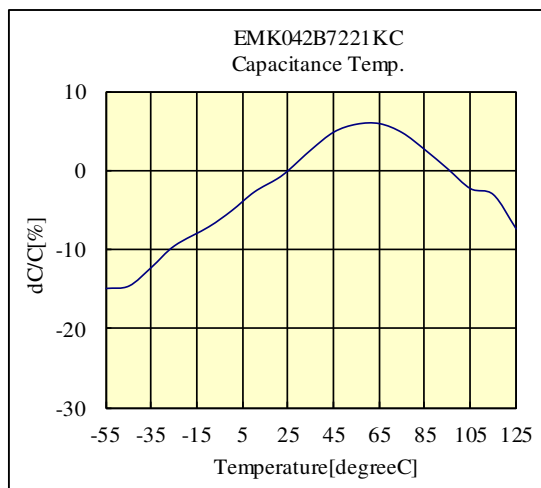
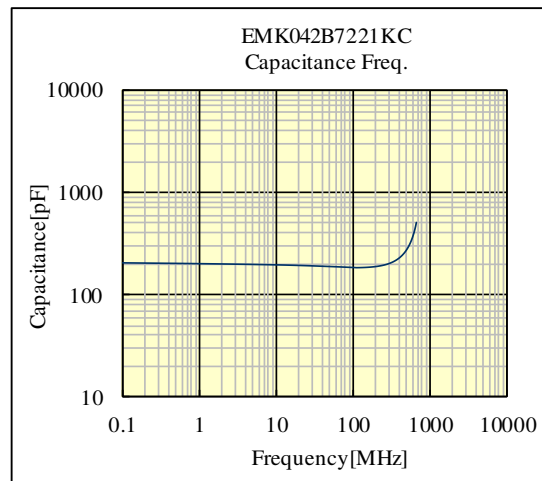
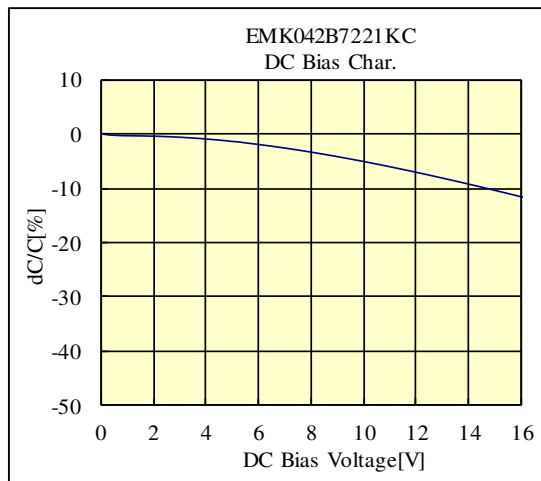
20SA04

RoHS compliance product

○EMK042B7221KC

16V 0402 X7R 220pF +/- 10% t=0.22mmMAX

16V 01005 X7R 220pF +/- 10% t=0.009inchMAX



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