



**THE DATASHEET OF
LMK042BJ102KC-W**



Multilayer Ceramic Capacitors

LMK042BJ102KC-W



■ Features

- Item Summary
1000pF±10%, 10V,
X5R/B, 01005/0402 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

Capacitance	1000 pF ± 10 %
Case Size (EIA/JIS)	01005/0402
Rated Voltage	10 V
tan δ (max)	5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °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

2022.05.26

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-

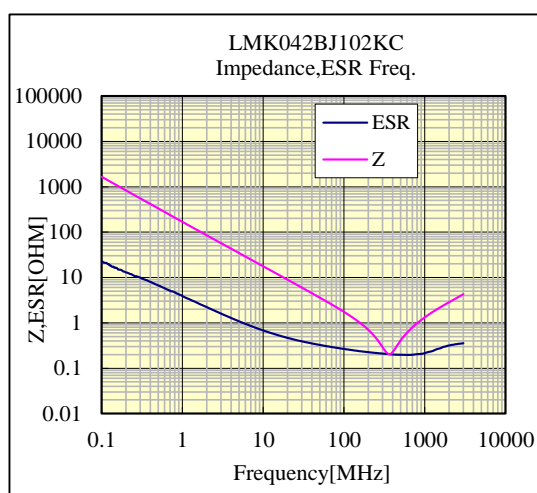
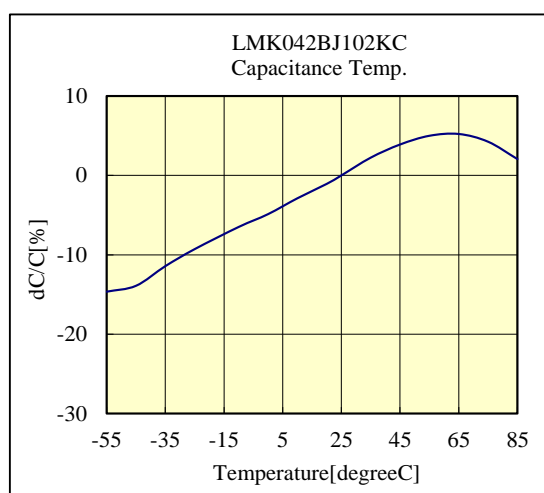
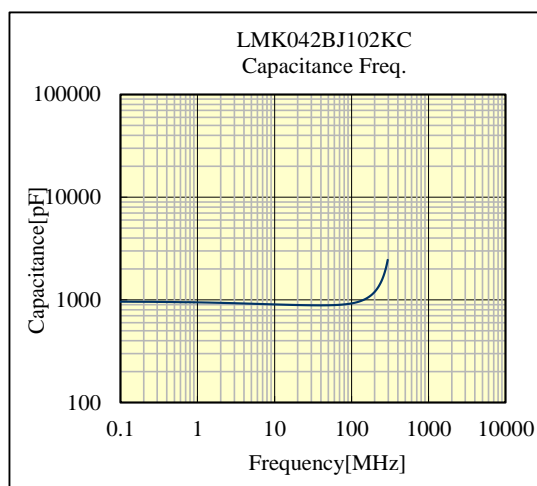
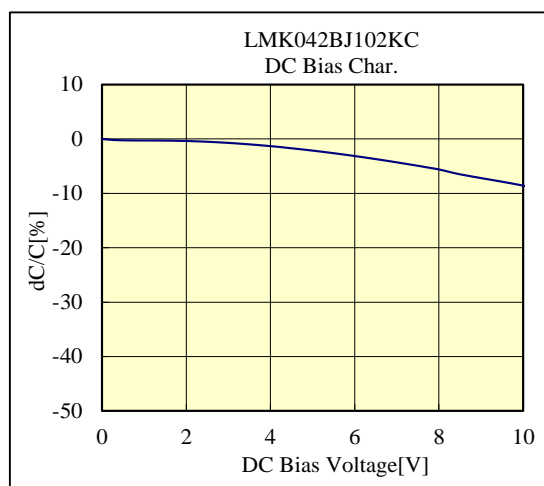
17SA12

RoHS compliance product

○LMK042BJ102KC

10V 0402 B/X5R 1000pF +/- 10% t=0.22mmMAX

10V 01005 B/X5R 1000pF +/- 10% t=0.009inchMAX



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