

High Value Multilayer Ceramic Capacitors (High dielectric type)

LMK042BJ103MC-W



■ Features

- Item Summary
10V, X5R, 0.01 μ F, $\pm 20\%$, 01005
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	01005/0402
Rated Voltage (max)	10V
Capacitance	0.01 μ F
Capacitance Tolerance	$\pm 20\%$
Temperature Characteristics (EIA/JIS)	X5R/-
Temperature Range (EIA/JIS)	-55 to +85°C/-
Capacitance Change (EIA/JIS)	$\pm 15/-\%$
Dielectric Loss Tangent	10%MAX
Resistance	10,000 M Ω 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.
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

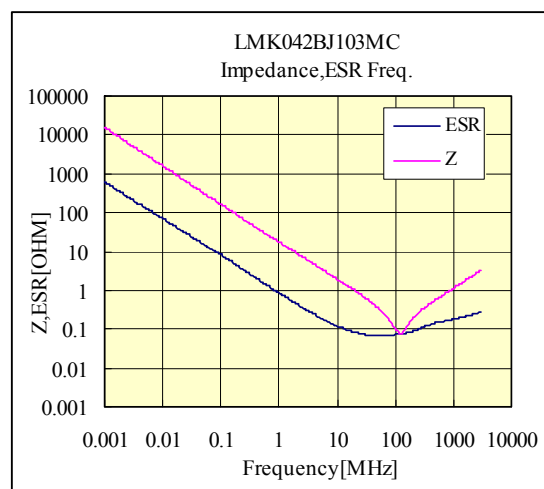
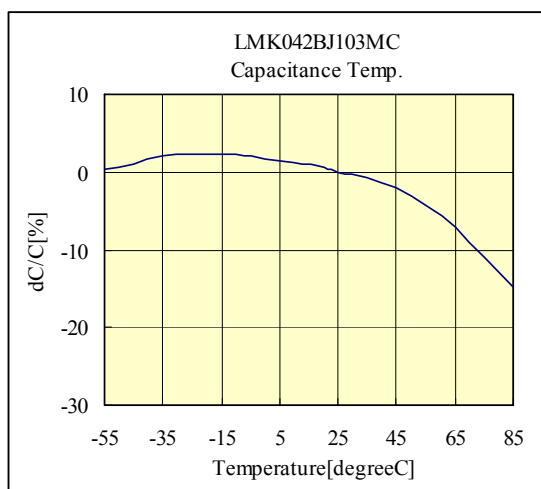
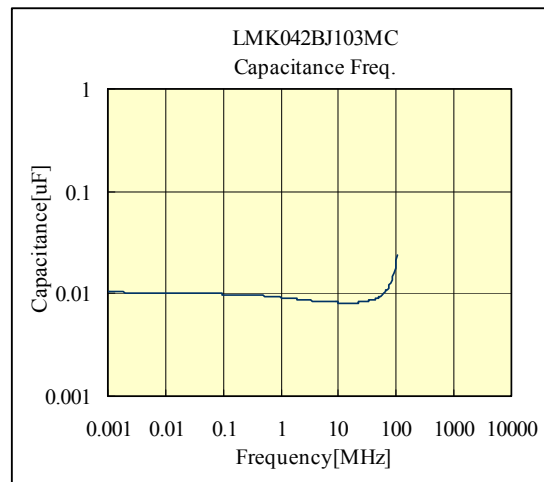
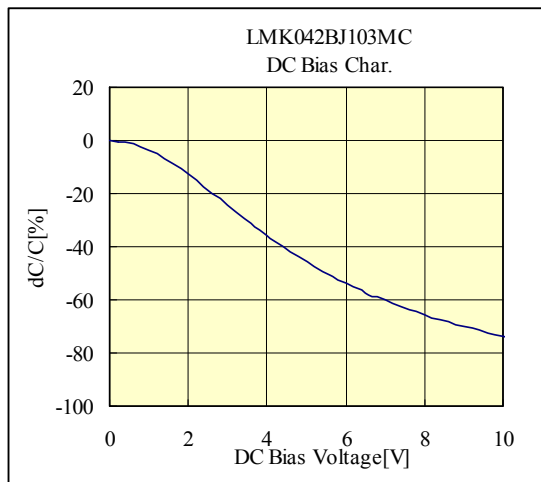
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RoHS compliance product

○ LMK042BJ103MC

10V 0402 X5R 0.01 μ F $\pm$ 20% $t=0.22$ mmMAX

10V 01005 X5R 0.01 μ F $\pm$ 20% $t=0.009$ inchMAX



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