

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

EMK105BJ223KVHF



■ Features

- Item Summary
16V, X5R, 22000pF, $\pm 10\%$, 0402
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0402/1005
Rated Voltage (max)	16V
Capacitance	22000pF
Capacitance Tolerance	$\pm 10\%$
Resistance	10,000 M Ω min.
Dielectric Loss Tangent	3.5%MAX
Temperature Characteristics (EIA/JIS)	X5R/-
Temperature Range (EIA/JIS)	-55 to +85 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	$\pm 15/-\%$
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	1.0mm ± 0.05
W	0.5mm ± 0.05
T	0.5mm ± 0.05
e	0.25mm ± 0.10

2015.01.15

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.

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

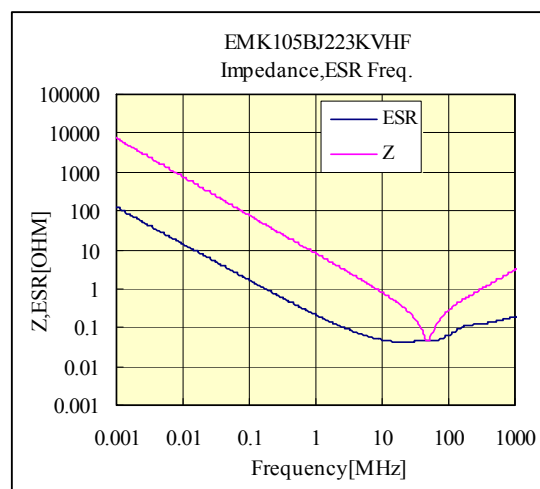
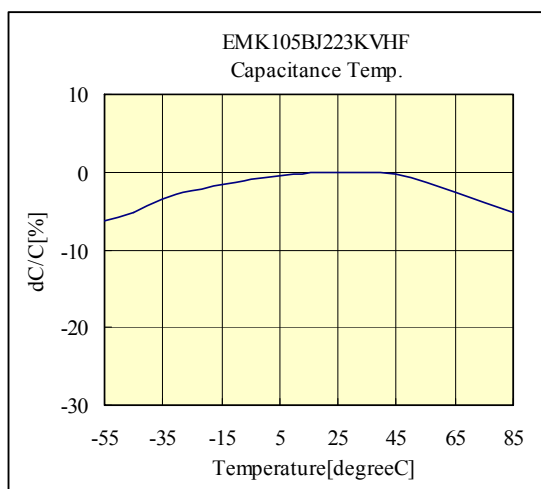
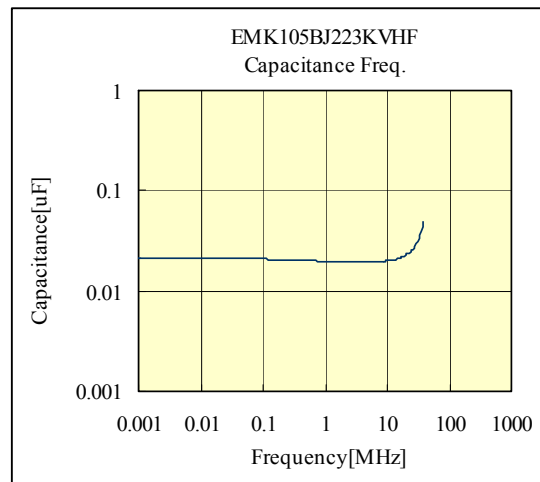
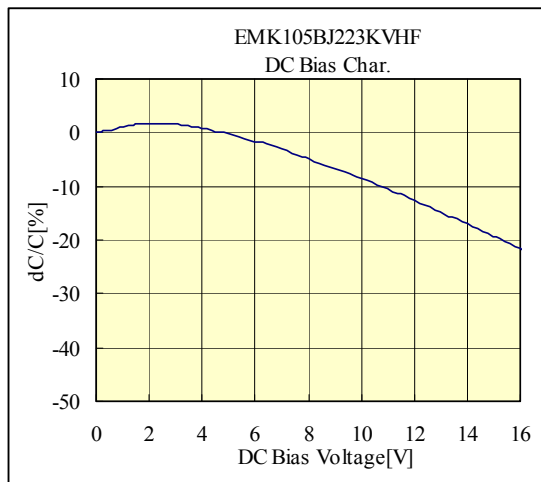
13QA01

RoHS compliance product

○EMK105BJ223KVHF

16V 1005 X5R 0.022 μ F +/- 10% t=0.55mmMAX

16V 0402 X5R 0.022 μ F +/- 10% t=0.022inchMAX



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