

Spec Sheet

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

EMK107ABJ225KAHT



■ Features

- Item Summary
16V, X5R, 2.2 μ F, $\pm 10\%$, 0603
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0603/1608
Rated Voltage (max)	16V
Capacitance	2.2 μ F
Capacitance Tolerance	$\pm 10\%$
Resistance	100 M Ω · μ F min.
Dielectric Loss Tangent	10%MAX
Temperature Characteristics (EIA/JIS)	X5R/-
Temperature Range (EIA/JIS)	-55 to +85°C/-
Capacitance Change (EIA/JIS)	$\pm 15/-\%$
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	1.6mm +0.15:-0.05
W	0.8mm +0.15:-0.05
T	0.8mm +0.15:-0.05
e	0.35mm ± 0.25

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.

2015.01.19

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

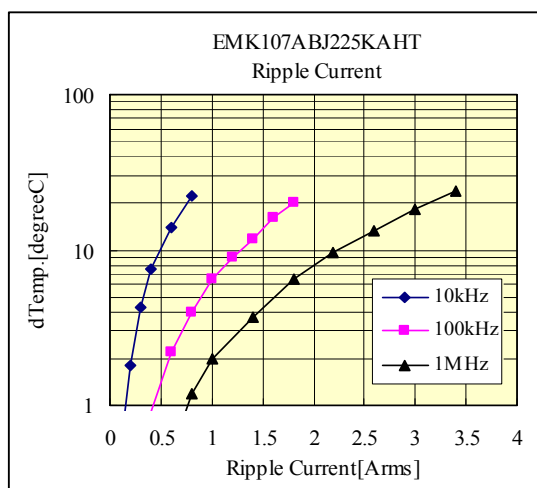
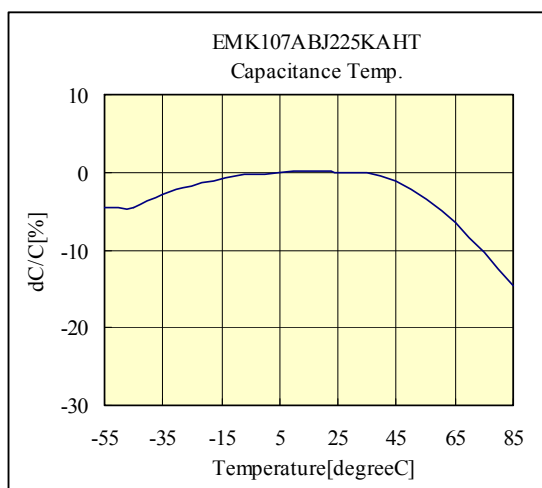
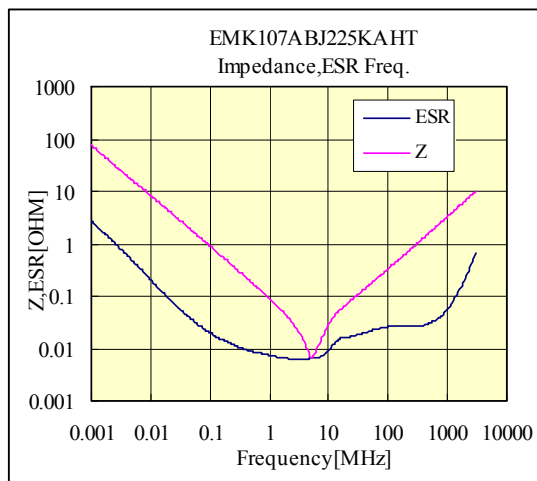
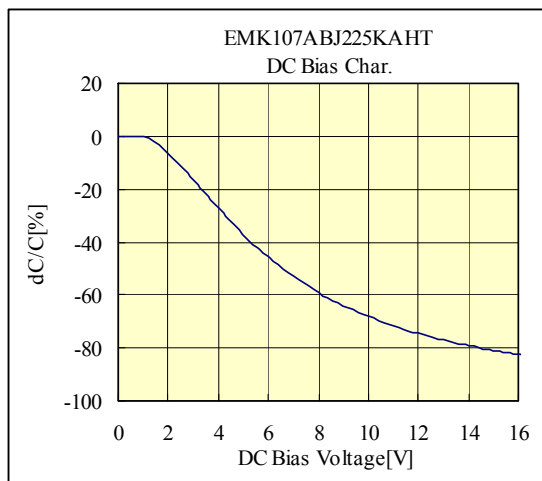
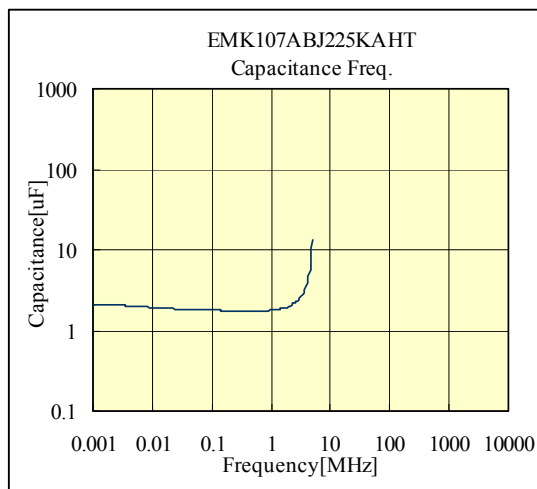
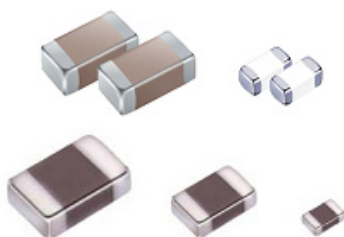
12HA10

RoHS compliance product

○EMK107ABJ225KAHT

16V 1608 X5R 2.2 μ F $\pm$ 10% $t=0.95$ mmMAX

16V 0603 X5R 2.2 μ F $\pm$ 10% $t=0.037$ inchMAX



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