

Spec Sheet

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

EMK212ABJ475MGHT



■ Features

- Item Summary
16V, X5R, 4.7 μ F, \pm 20%, 0805
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Rated Voltage (max)	16V
Capacitance	4.7 μ F
Capacitance Tolerance	\pm 20%
Resistance	100 M Ω · μ F min.
Dielectric Loss Tangent	10%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	2.0mm +0.15:-0.05
W	1.25mm +0.15:-0.05
T	1.25mm +0.15:-0.05
e	0.5mm \pm 0.25

2015.01.21

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-

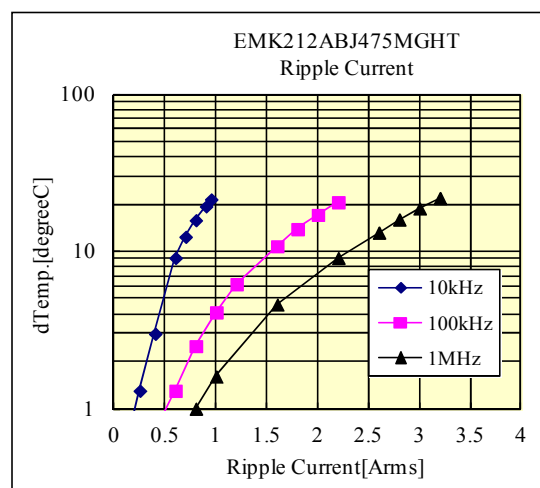
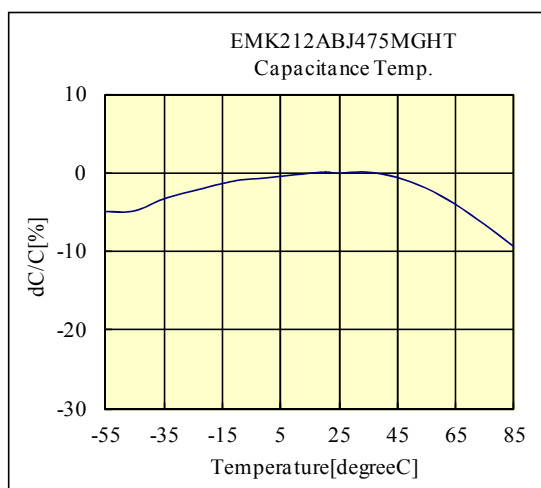
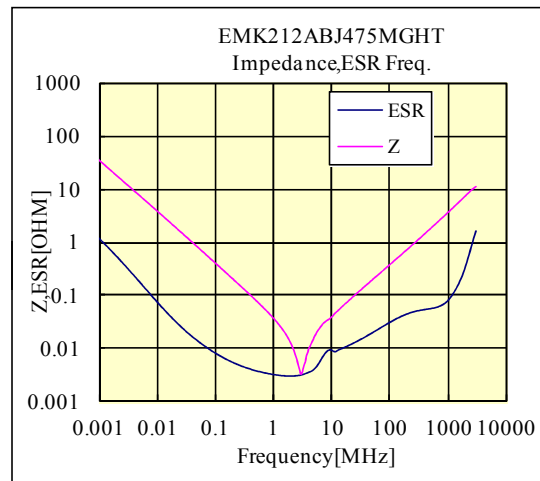
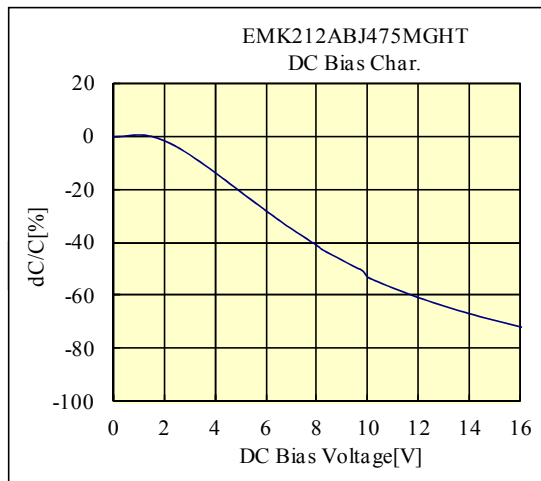
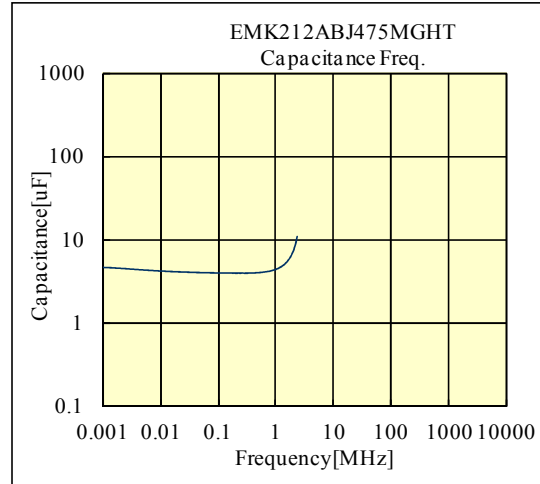
14HA09

RoHS compliance product

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16V 2012 X5R 4.7uF +/- 20% t=1.4mmMAX

16V 0805 X5R 4.7uF +/- 20% t=0.055inchMAX



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