

Spec Sheet

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

UMK212BJ104KGHT



■ Features

- Item Summary
50V, X5R, 0.1 μ F, \pm 10%, 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)	50V
Capacitance	0.1 μ F
Capacitance Tolerance	\pm 10%
Resistance	500 M Ω · μ F 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	2.0mm \pm 0.10
W	1.25mm \pm 0.10
T	1.25mm \pm 0.10
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-

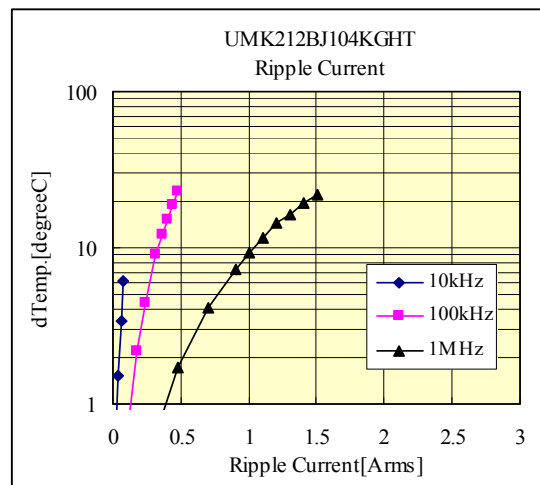
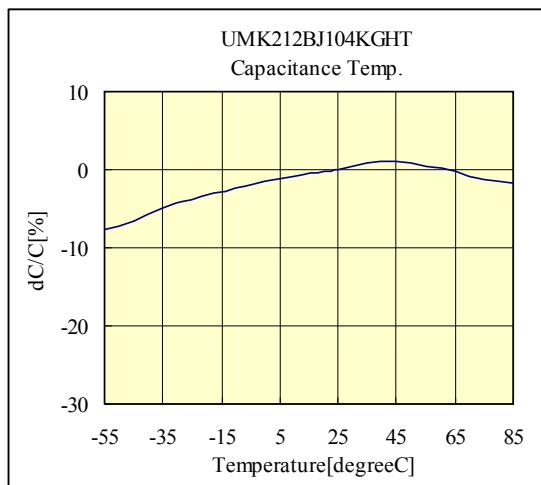
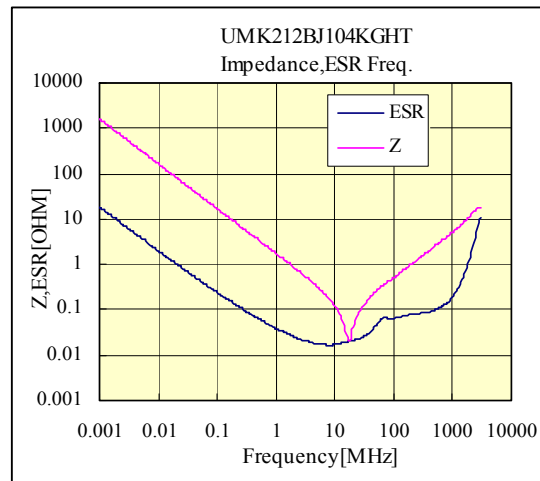
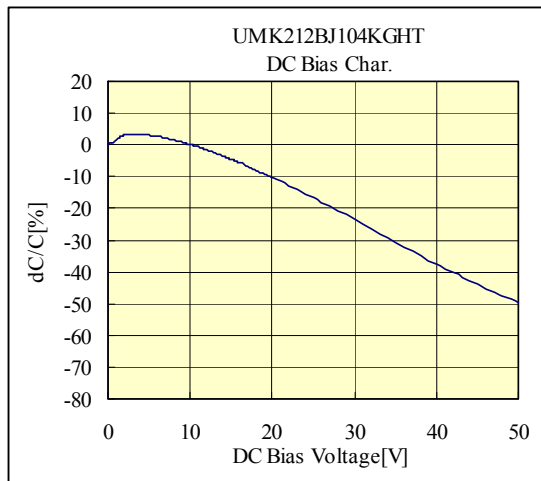
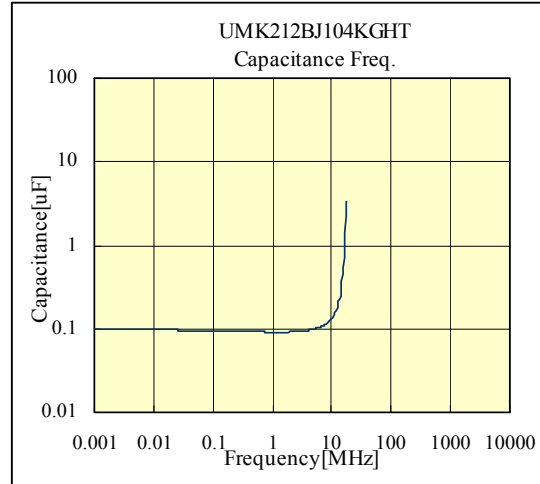
12QA10

RoHS compliance product

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50V 2012 X5R 0.1 μ F +/- 10% t=1.35mmMAX

50V 0805 X5R 0.1 μ F +/- 10% t=0.053inchMAX



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