

Medium-High Voltage MLCC for Automotive / Industrial Applications

HMK212B7224KGHT



■ Features

- Item Summary
100V, X7R, 0.22 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)	100V
Capacitance	0.22 μ F
Capacitance Tolerance	$\pm 10\%$
Resistance	100 M Ω · μ F min.
Dielectric Loss Tangent	3.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125°C/-
Capacitance Change (EIA/JIS)	$\pm 15/-\%$
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	2.0mm ± 0.10
W	1.25mm ± 0.10
T	1.25mm ± 0.10
e	0.5mm ± 0.25

2015.02.03

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-

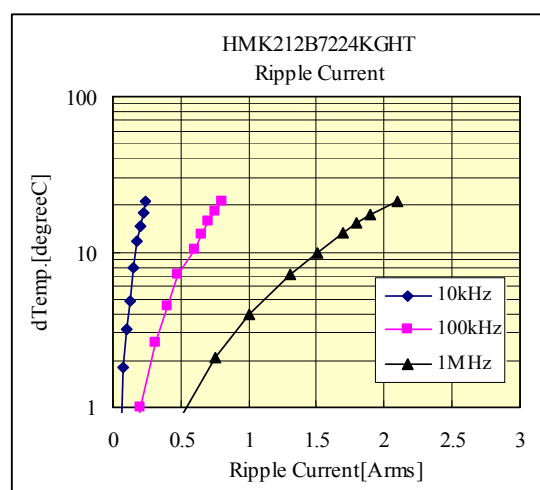
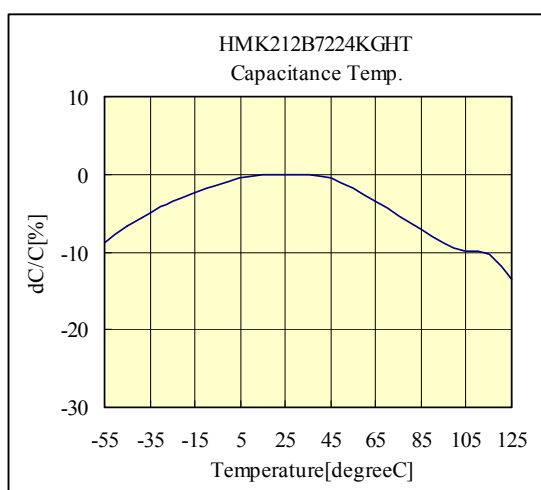
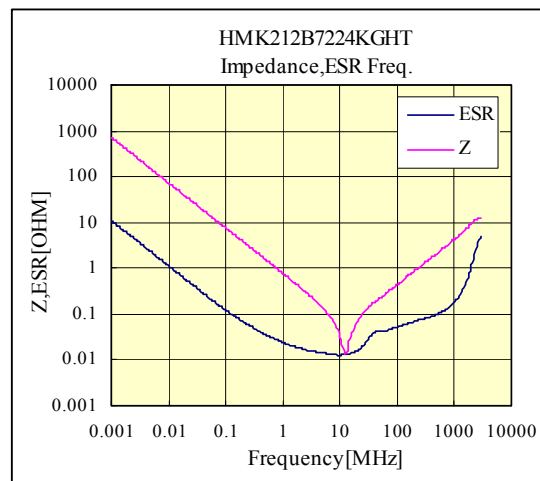
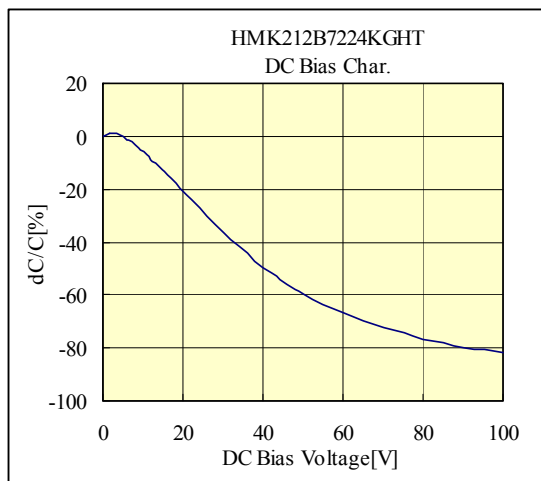
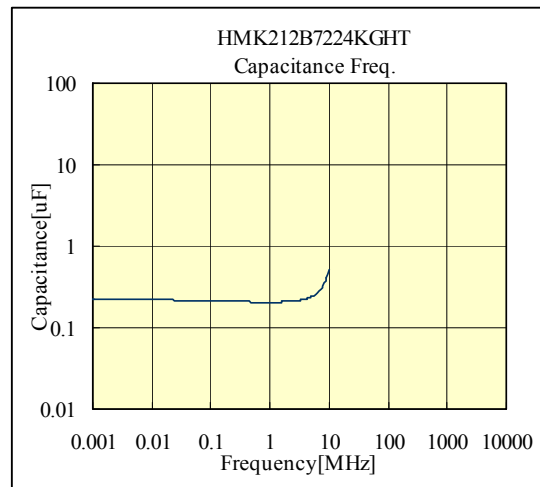
13U1A01

RoHS compliance product

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100V 2012 X7R 0.22 μ F $\pm$ 10% $t=1.35$ mmMAX

100V 0805 X7R 0.22 μ F $\pm$ 10% $t=0.053$ inchMAX



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