

Spec Sheet

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

UMK325BJ105MHHT



■ Features

- Item Summary
50V, X5R, 1 μ F, \pm 20%, 1210
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1210/3225
Rated Voltage (max)	50V
Capacitance	1 μ F
Capacitance Tolerance	\pm 20%
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	3.2mm \pm 0.30
W	2.5mm \pm 0.20
T	1.5mm \pm 0.10
e	0.6mm \pm 0.3

2015.01.28

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-

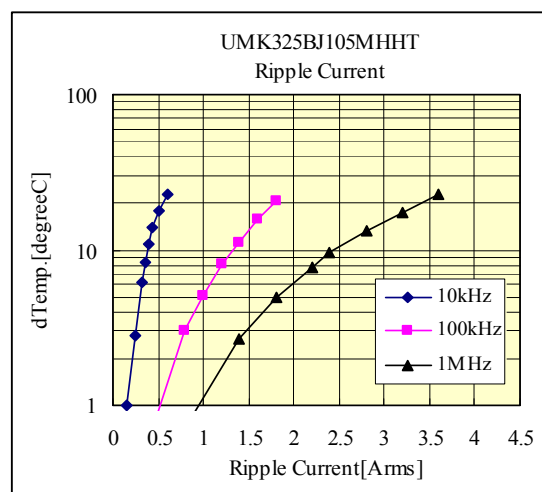
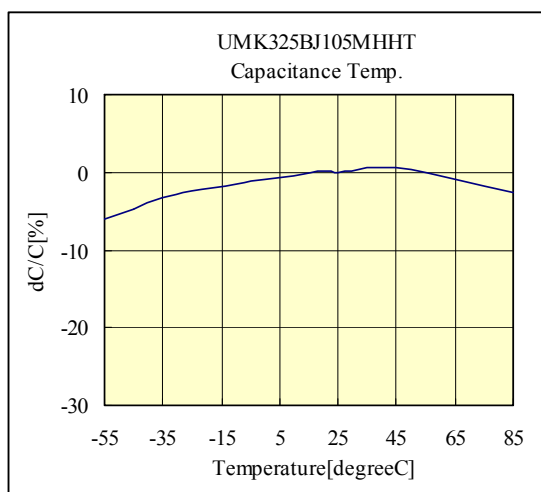
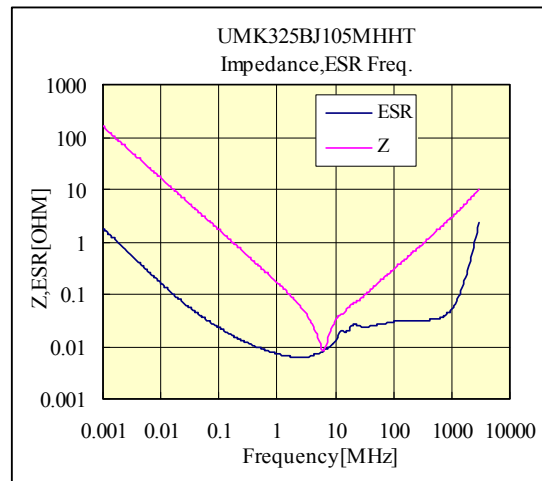
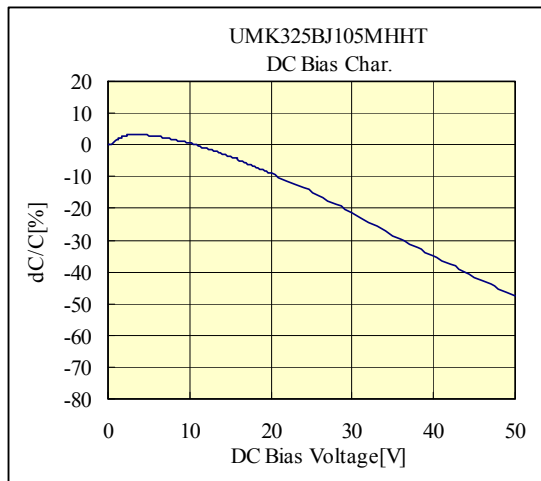
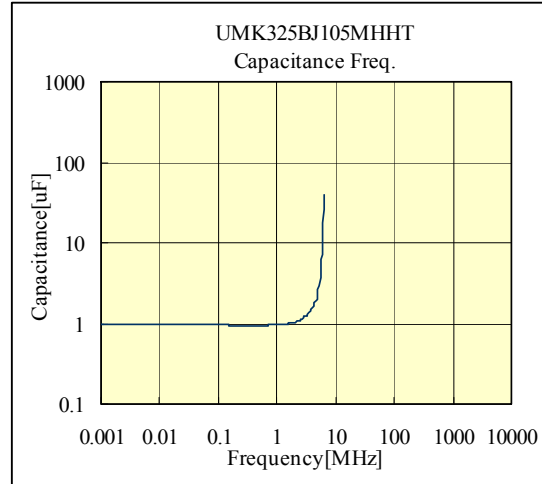
12QA10

RoHS compliance product

○UMK325BJ105MHHT

50V 3225 X5R 1 μ F +/- 20% t=1.6mmMAX

50V 1210 X5R 1 μ F +/- 20% t=0.063inchMAX



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