

Spec Sheet

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

GMK316BJ105KLHT



■ Features

- Item Summary
35V, X5R, 1 μ F, $\pm 10\%$, 1206
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1206/3216
Rated Voltage (max)	35V
Capacitance	1 μ F
Capacitance Tolerance	$\pm 10\%$
Resistance	500 M Ω $\cdot$ 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 ± 0.15
W	1.6mm ± 0.15
T	1.6mm ± 0.20
e	0.5mm +0.35/-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.

2015.01.26

Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data-

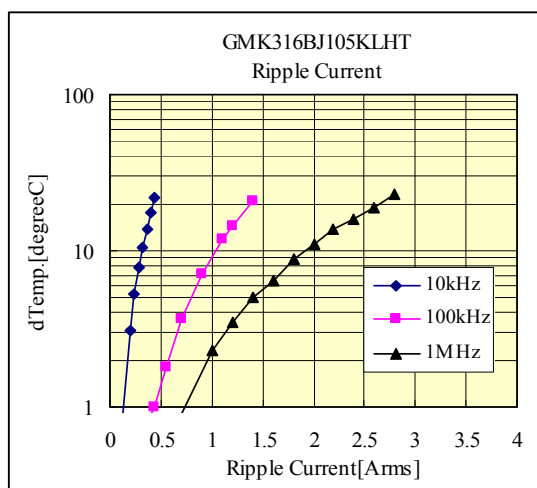
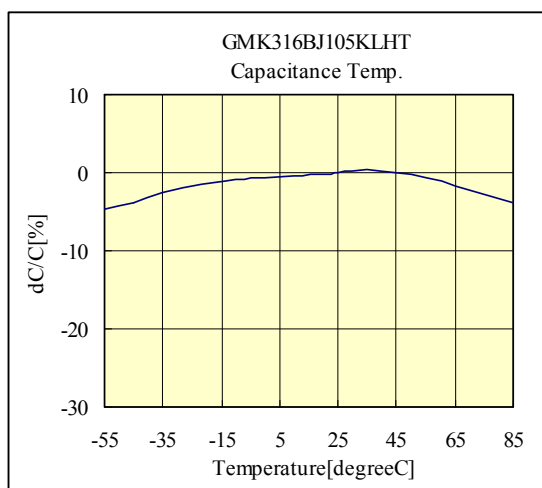
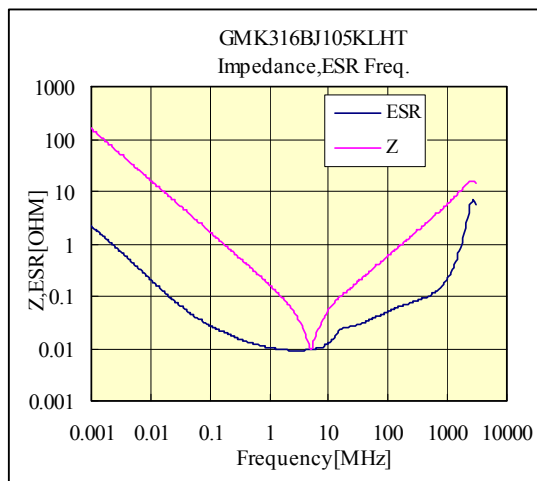
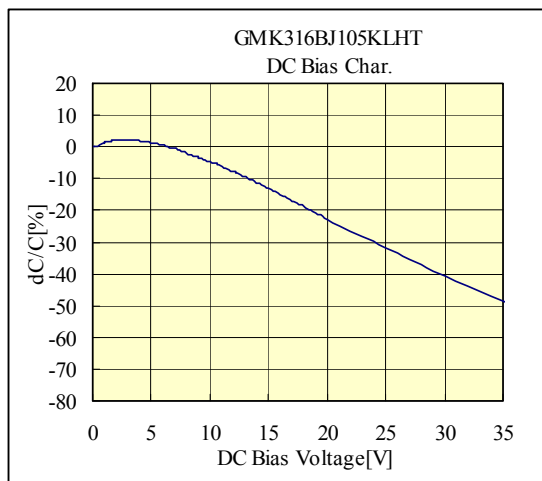
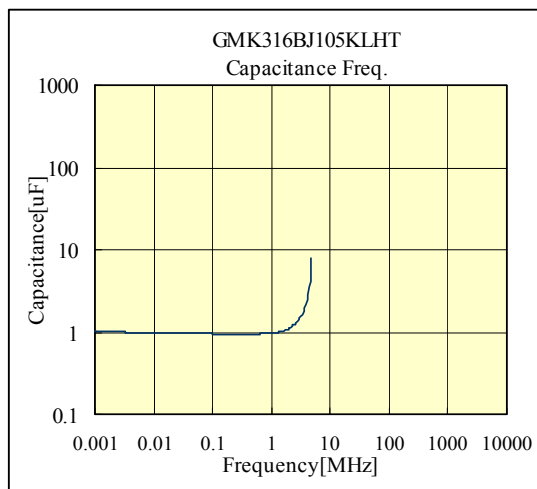
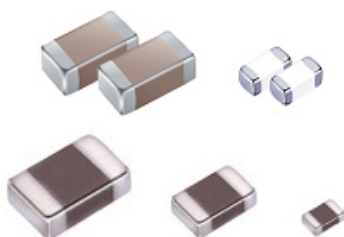
12QA10

RoHS compliance product

○GMK316BJ105KLHT

35V 3216 X5R 1 μ F $\pm$ 10% $t=1.8\text{mm}$ MAX

35V 1206 X5R 1 μ F $\pm$ 10% $t=0.07\text{inch}$ MAX



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