

Medium-High Voltage MLCC for Automotive / Industrial Applications

HMK316B7105MLHT



■ Features

- Item Summary
100V, X7R, 1 μ F, \pm 20%, 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)	100V
Capacitance	1 μ F
Capacitance Tolerance	\pm 20%
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125°C/-
Capacitance Change (EIA/JIS)	\pm 15/-%
Dielectric Loss Tangent	3.5%MAX
Resistance	100 M Ω · μ F min.
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	3.2mm \pm 0.15
W	1.6mm \pm 0.15
T	1.6mm \pm 0.20
e	0.5mm +0.35:-0.25

2015.09.10

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-

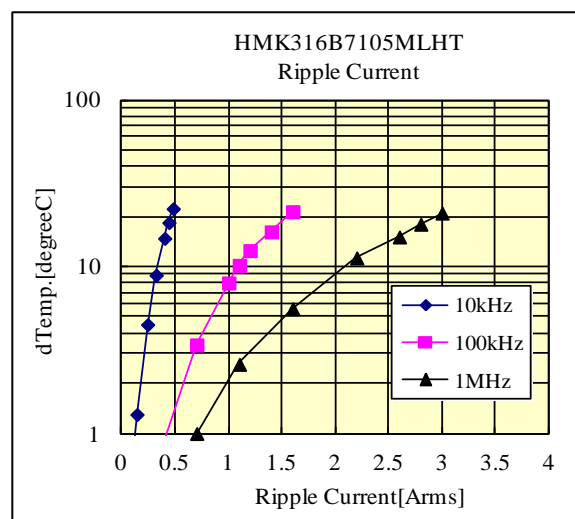
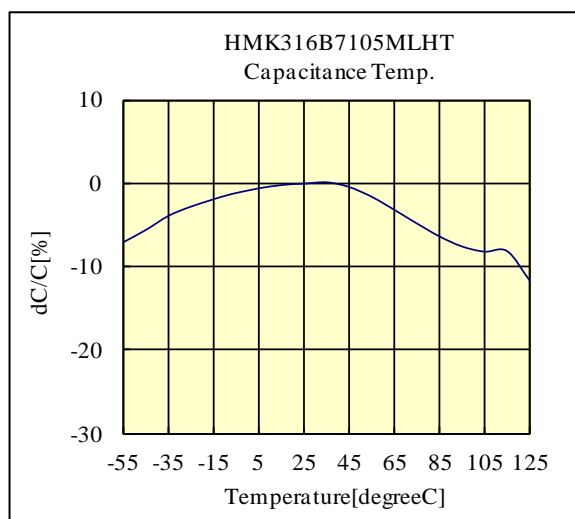
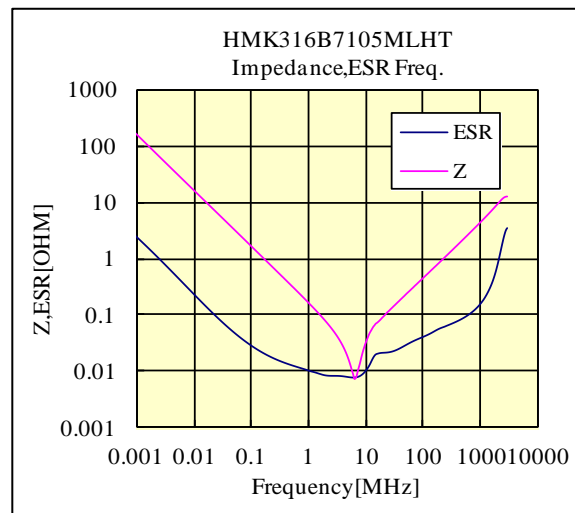
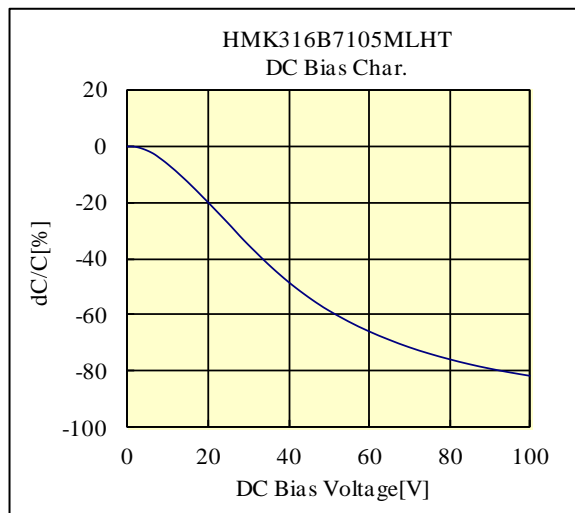
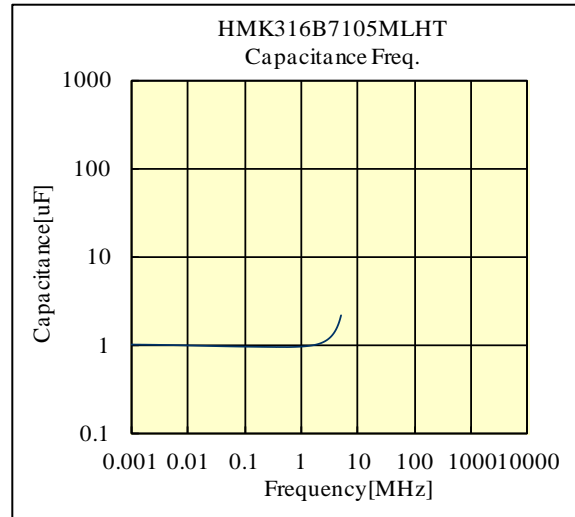
14U1A11

RoHS compliance product

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100V 3216 X7R 1uF +/- 20% t=1.8mmMAX

100V 1206 X7R 1uF +/- 20% t=0.071inchMAX



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