

Spec Sheet

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

LMK107BD7225KAHT



■ Features

- Item Summary
2.2 μ F \pm 10%, 10V,
X7T, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

Capacitance	2.2 μ F \pm 10 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	10 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X7T
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 M Ω · μ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

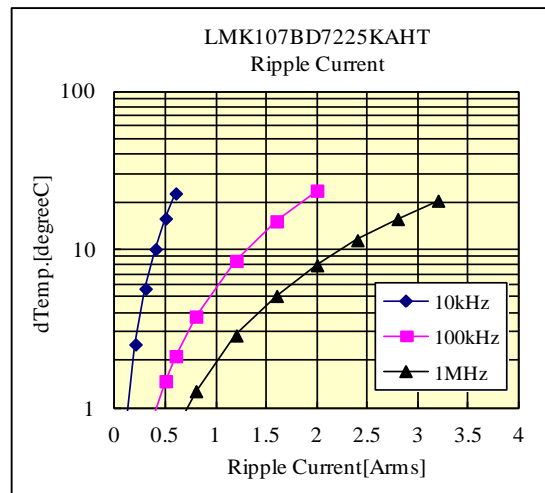
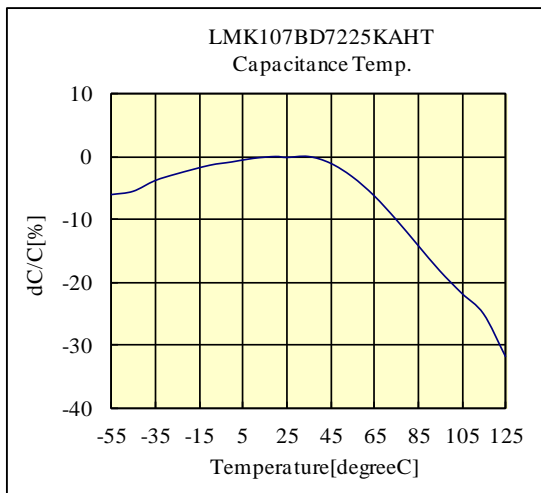
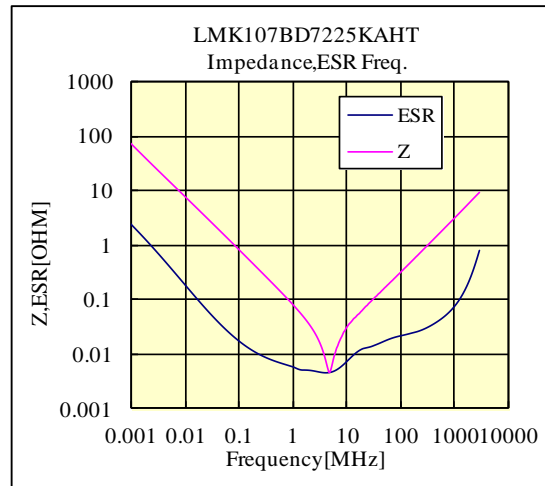
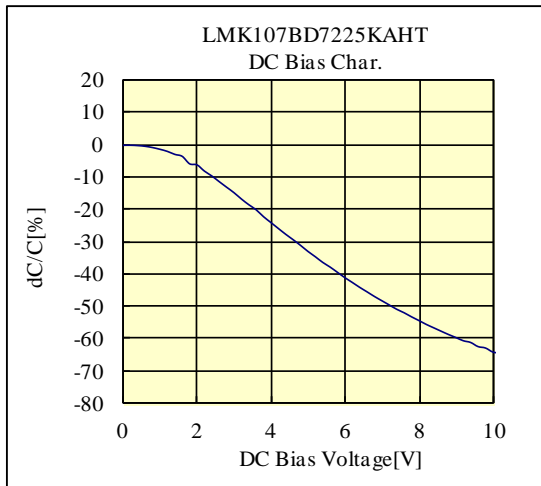
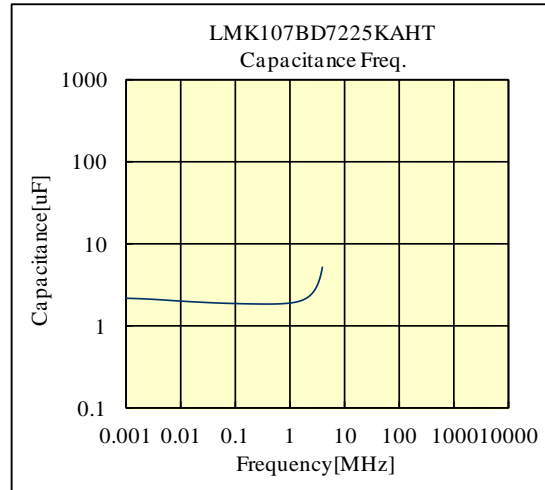
Dimension L	1.6 +0.20/-0.00 mm
Dimension W	0.8 +0.20/-0.00 mm
Dimension T	0.8 +0.20/-0.00 mm
Dimension e	0.35 \pm 0.25 mm

2017.04.30

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.

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10V 1608 X7T 2.2 μ F +/- 10% t=1.0mmMAX
10V 0603 X7T 2.2 μ F +/- 10% t=0.039inchMAX



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