

High Value Multilayer Ceramic Capacitors (High dielectric type)

LMK107BJ105MK-T



■ Features

- Item Summary
1 $\mu\text{F} \pm 20\%$, 10V,
X5R/B, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

Capacitance	1 $\mu\text{F} \pm 20\%$
Case Size (EIA/JIS)	0603/1608
Rated Voltage	10 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 $\text{M}\Omega \cdot \mu\text{F}$
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (181 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

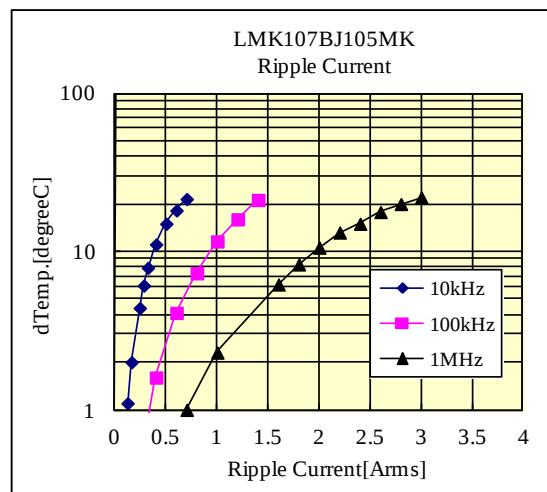
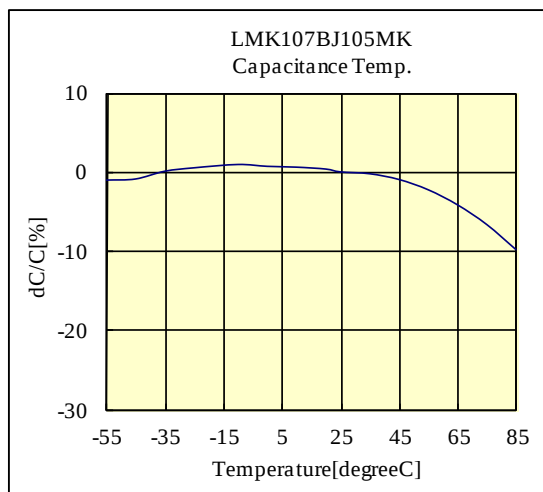
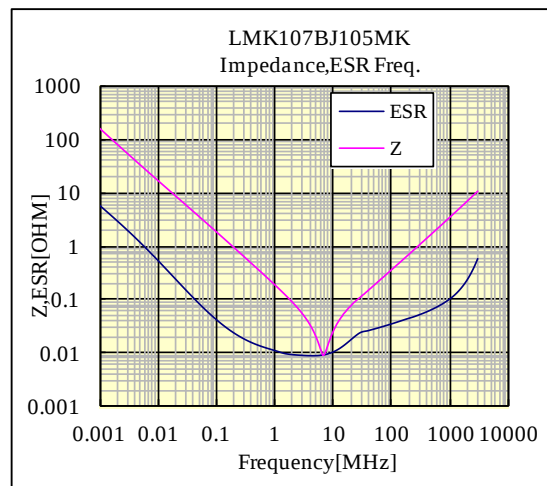
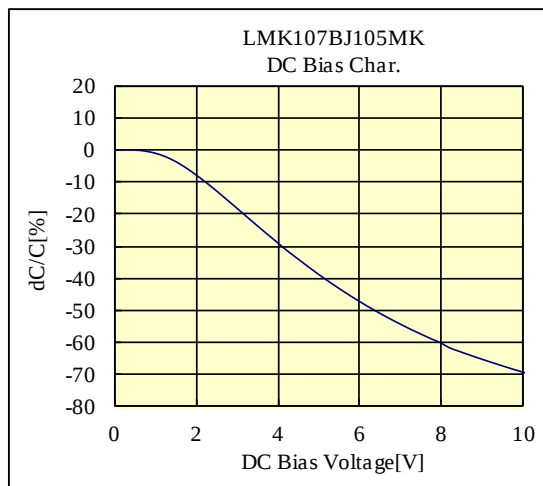
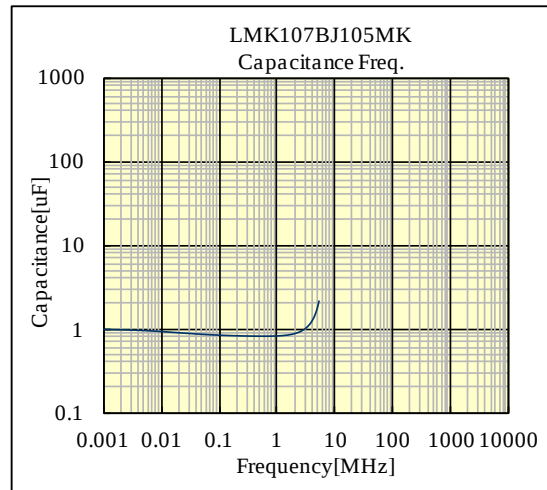
■ External Dimensions

Dimension L	1.6 ± 0.10 mm
Dimension W	0.8 ± 0.10 mm
Dimension T	0.45 ± 0.05 mm
Dimension e	0.35 ± 0.25 mm

2018.03.09

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.
 Before making final selection, please check product specification.

○LMK107BJ105MK

10V 1608 B/X5R 1 μ F +/- 20% t=0.5mmMAX10V 0603 B/X5R 1 μ F +/- 20% t=0.02inchMAX

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Please read this notice before using the TAIYO YUDEN products.



REMINDERS

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When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.

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