

Spec Sheet

Medium-High Voltage MLCC for Telecommunications Infrastructure and Industrial Equipment / Medical Devices

HMK107B7103KA8T



■ Features

- Item Summary
0.01 $\mu\text{F} \pm 10\%$, 100V,
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

Capacitance	0.01 $\mu\text{F} \pm 10\%$
Case Size (EIA/JIS)	0603/1608
Rated Voltage	100 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 G Ω
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 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	0.8 ± 0.10 mm
Dimension e	0.35 ± 0.25 mm

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.

2021.07.01

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

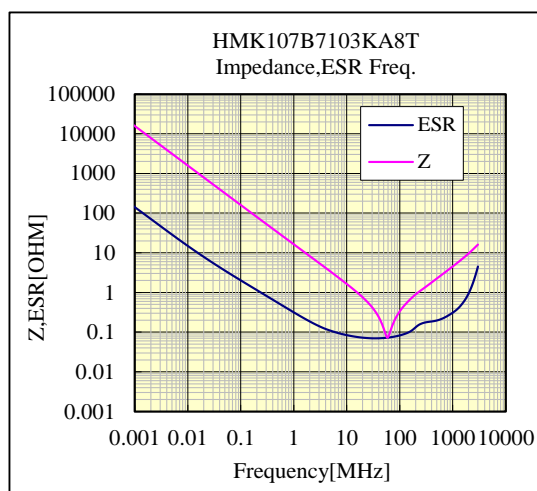
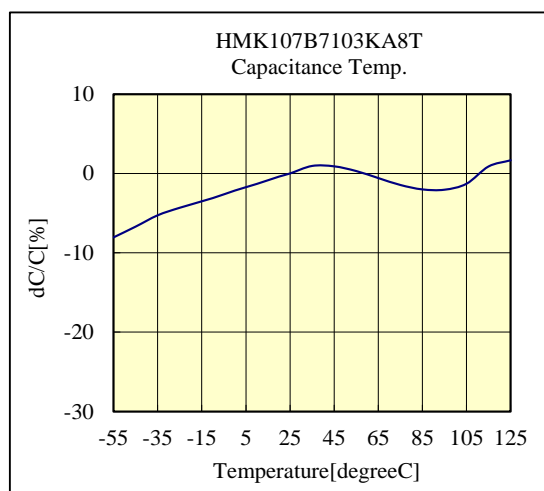
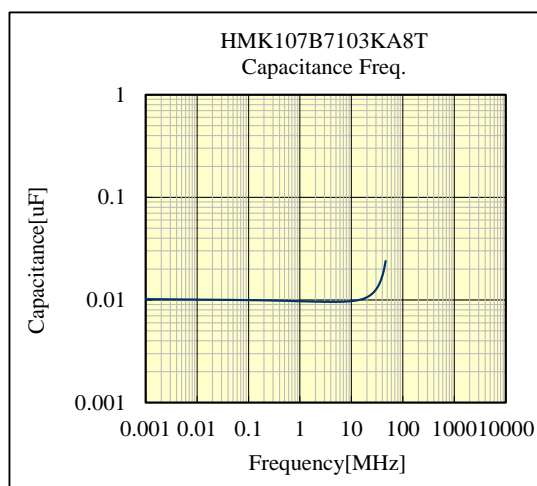
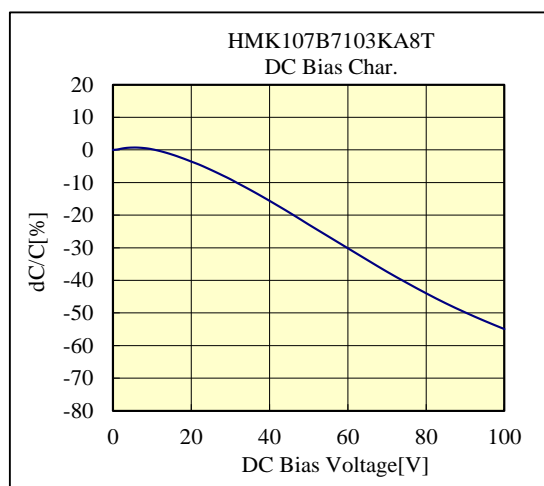
19QA08

RoHS compliance product

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100V 1608 X7R 0.01uF +/- 10% t=0.9mmMAX

100V 0603 X7R 0.01uF +/- 10% t=0.035inchMAX



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Before making final selection, please check product specification.

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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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[>>Taiyo Yuden\(太阳诱电\)](#)