

Spec Sheet

MLCC (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

AMK107BBJ226MAHT



■ Features

- Item Summary
22uF $\pm$ 20%, 4V,
X5R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

Capacitance	22 uF $\pm$ 20 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	4 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M Ω · μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 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

2020.10.06

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.

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

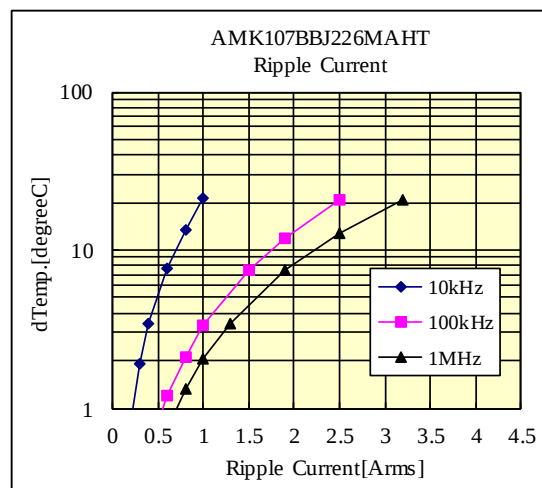
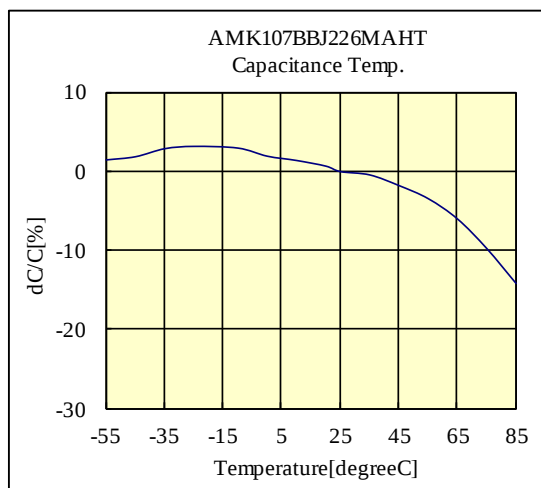
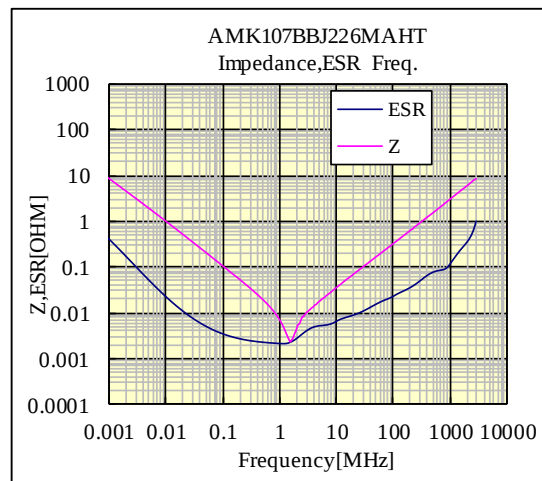
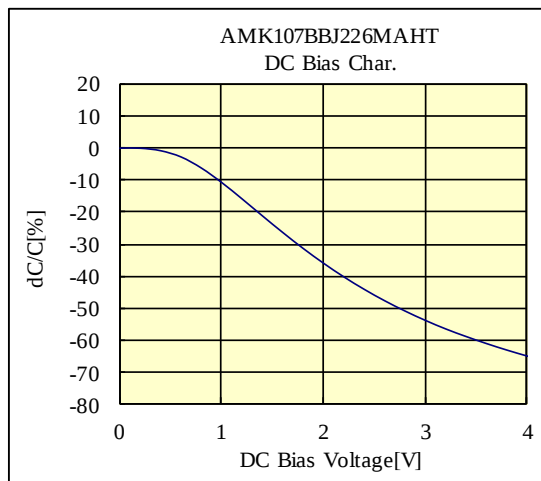
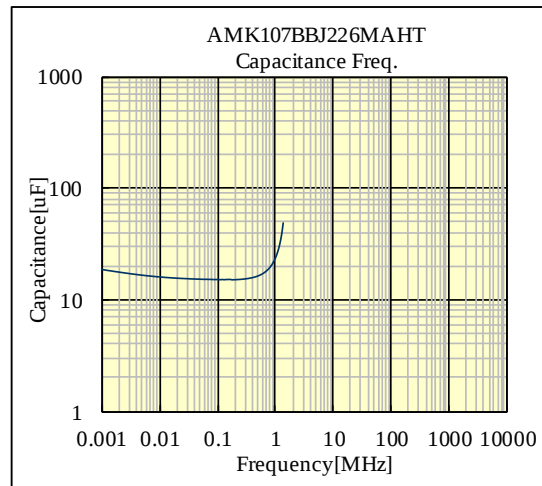
19S6B02

RoHS compliance product

○AMK107BBJ226MAHT

4V 1608 X5R 22 μ F +/- 20% t=1.0mmMAX

4V 0603 X5R 22 μ F +/- 20% t=0.039inchMAX



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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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