

MLCC for Automotive (POWERTRAIN, SAFETY) Applications

LMF107B7224MAHT



■ Features

- Item Summary  
0.22uF±20%, 10V,  
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 4000pcs

■ Products characteristics table

Capacitance	0.22 uF ± 20 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	10 V
tan δ (max)	5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 MΩ · μF
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

2021.07.01

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-

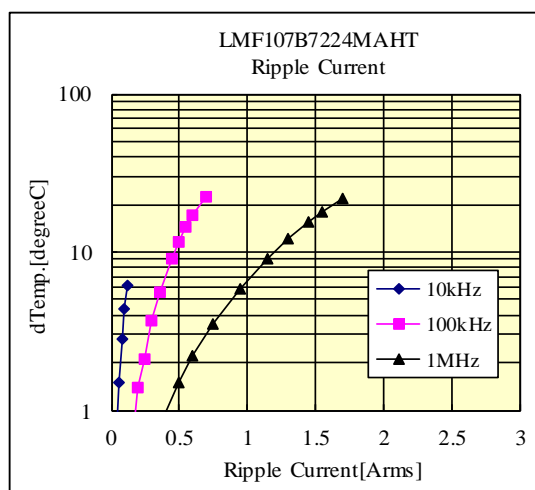
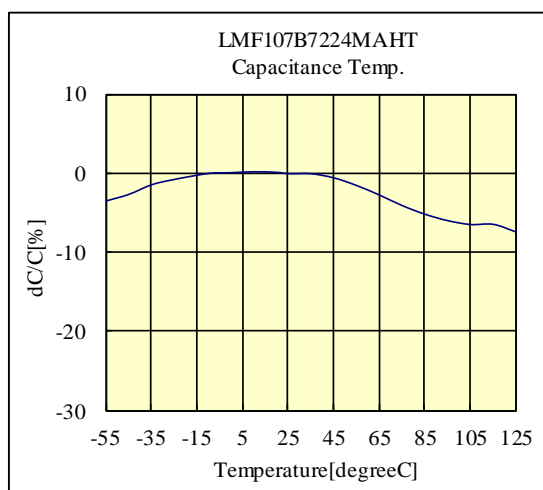
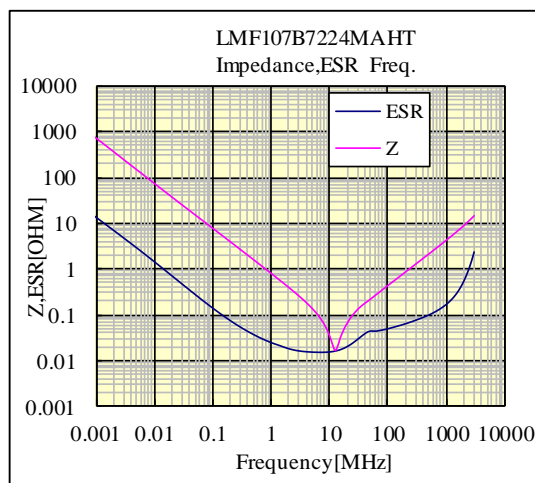
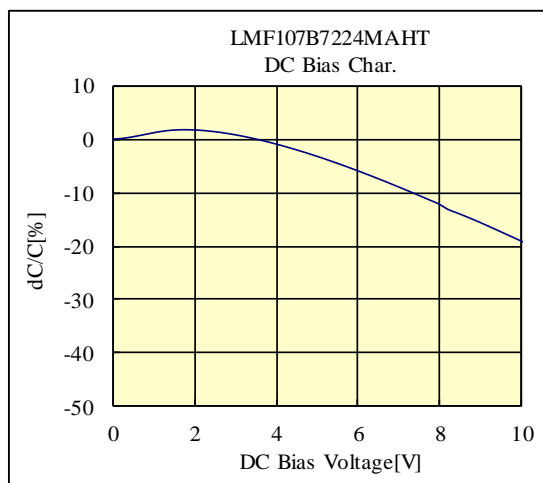
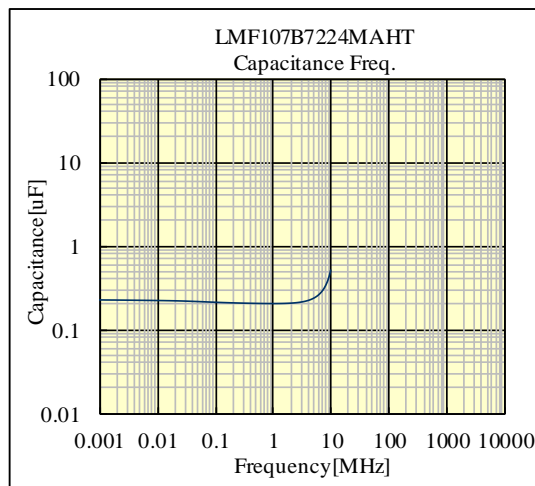
18QA11

RoHS compliance product

### ○LMF107B7224MAHT

10V 1608 X7R 0.22uF +/- 20% t=0.9mmMAX

10V 0603 X7R 0.22uF +/- 20% t=0.035inchMAX



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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.

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Please read this notice before using the TAIYO YUDEN products.



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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\(太阳诱电\)](#)