

MLCC for Automotive (POWERTRAIN, SAFETY) Applications

LMF107B7224KAHT



■ Features

- Item Summary
0.22uF±10%, 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 ± 10 % |
| 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-

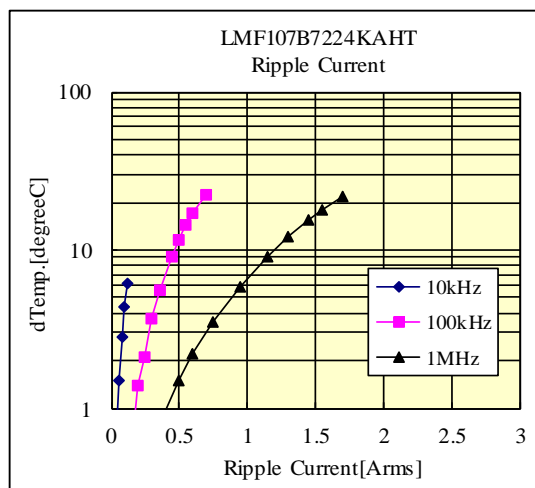
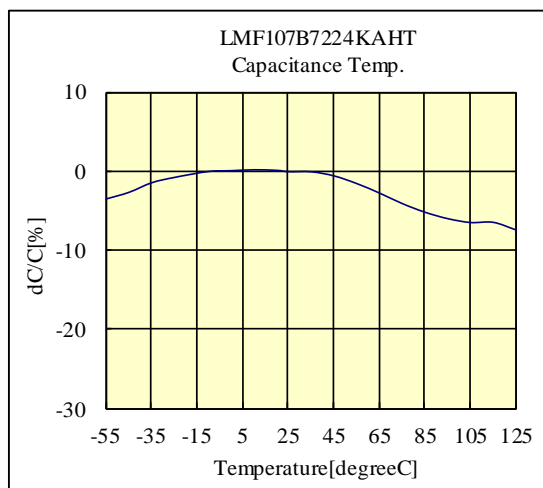
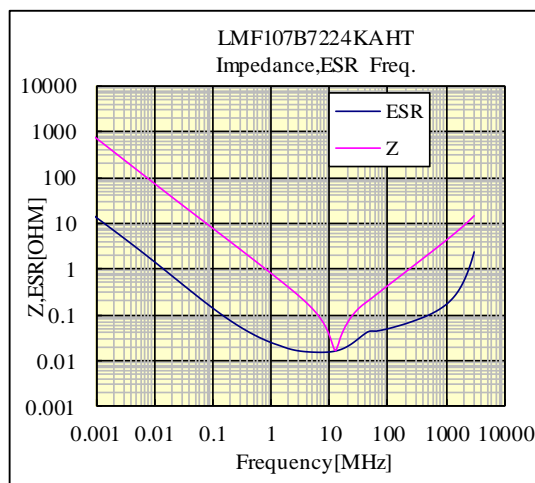
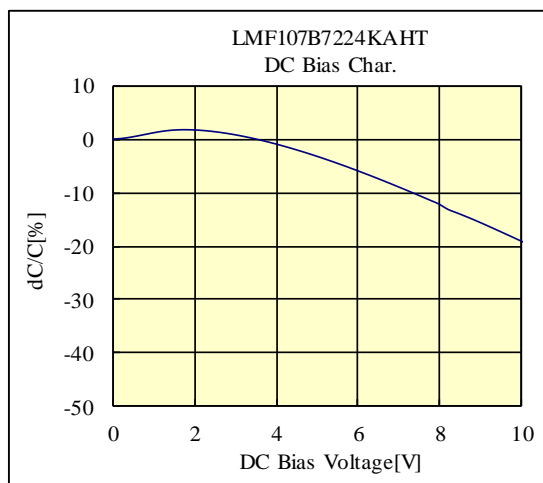
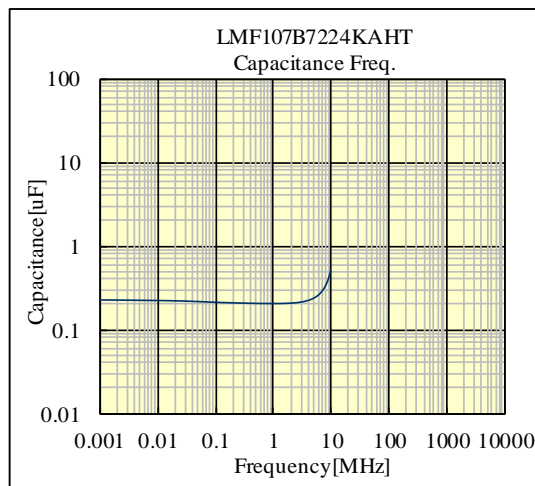
18QA11

RoHS compliance product

○LMF107B7224KAHT

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

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



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