

Medium-High Voltage Multilayer Ceramic Capacitors for Automotive / Industrial Applications

HMK107B7223KAHT



■ Features

- Item Summary
0.022 μ F \pm 10%, 100V,
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 0.022 μ 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) | 100 M Ω · μ F |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (181 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 1.6 \pm 0.10 mm |
| Dimension W | 0.8 \pm 0.10 mm |
| Dimension T | 0.8 \pm 0.10 mm |
| Dimension e | 0.35 \pm 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.

2018.08.22

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

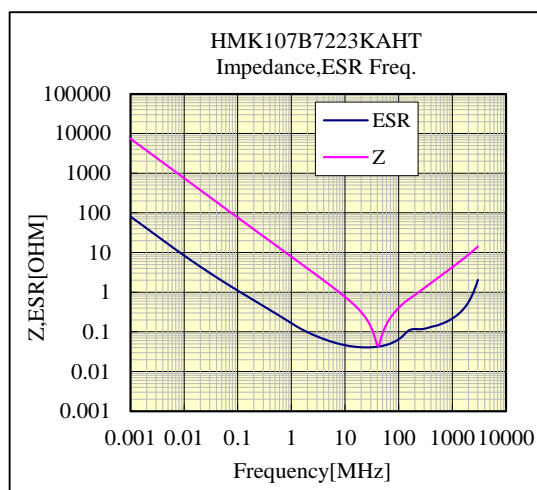
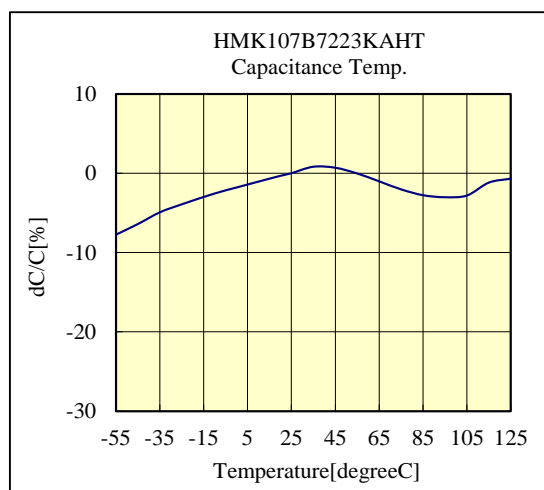
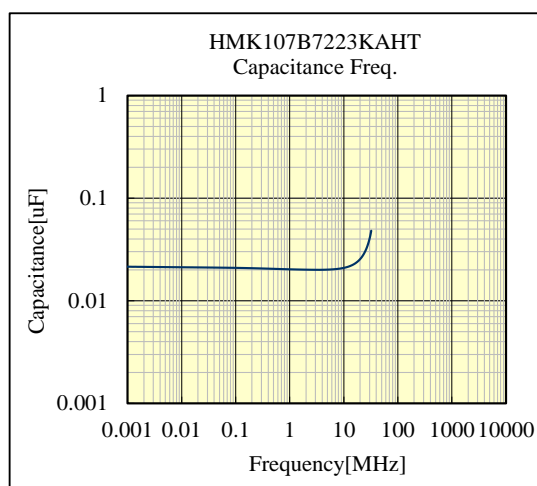
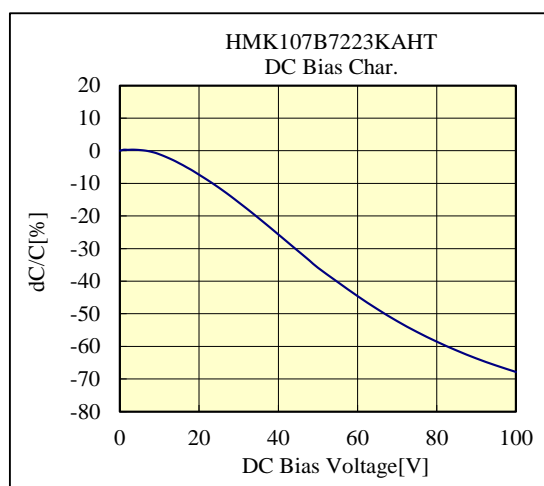
17QA07

RoHS compliance product

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100V 1608 X7R 0.022uF +/- 10% t=0.9mmMAX

100V 0603 X7R 0.022uF +/- 10% t=0.035inchMAX



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