

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

GMK107B7224KAHT



■ Features

- Item Summary
35V, X7R, 0.22 μ F, \pm 10%, 0603
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

| | |
|---------------------------------------|-------------------------------|
| CaseSize (EIA/JIS) | 0603/1608 |
| Rated Voltage (max) | 35V |
| Capacitance | 0.22 μ F |
| Capacitance Tolerance | \pm 10% |
| Resistance | 500 M Ω · μ F min. |
| Dielectric Loss Tangent | 10%MAX |
| Temperature Characteristics (EIA/JIS) | X7R/- |
| Temperature Range (EIA/JIS) | -55 to +125 $^{\circ}$ C/- |
| Capacitance Change (EIA/JIS) | \pm 15/-% |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

■ External Dimensions

| | |
|---|-------------------|
| L | 1.6mm \pm 0.10 |
| W | 0.8mm \pm 0.10 |
| T | 0.8mm \pm 0.10 |
| e | 0.35mm \pm 0.25 |

2015.01.19

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor **TAIYO YUDEN**

-Electrical Characteristics Data-

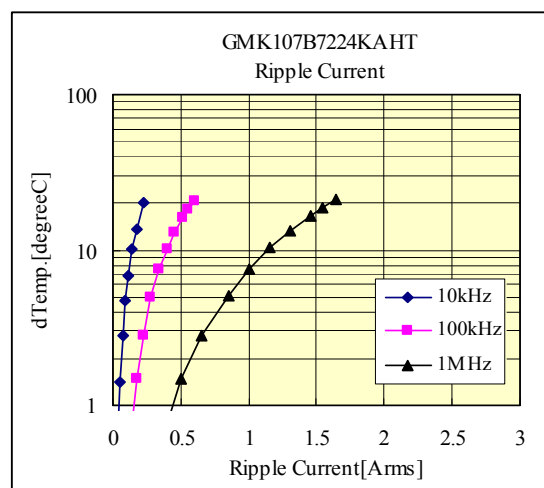
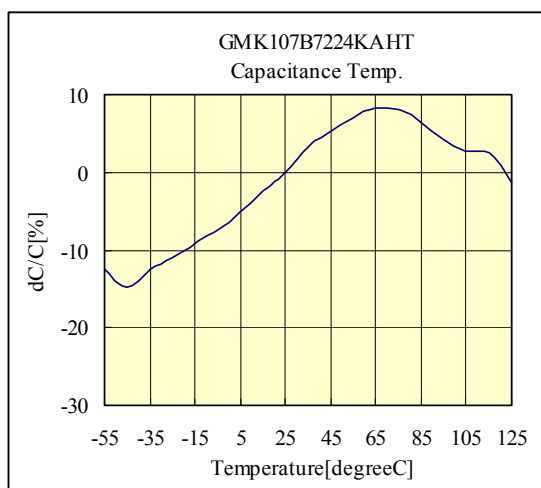
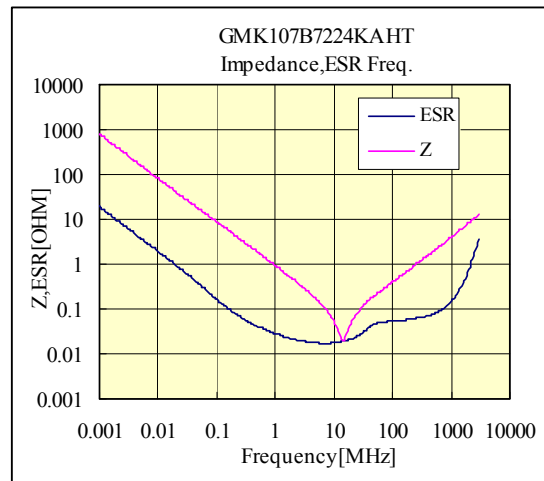
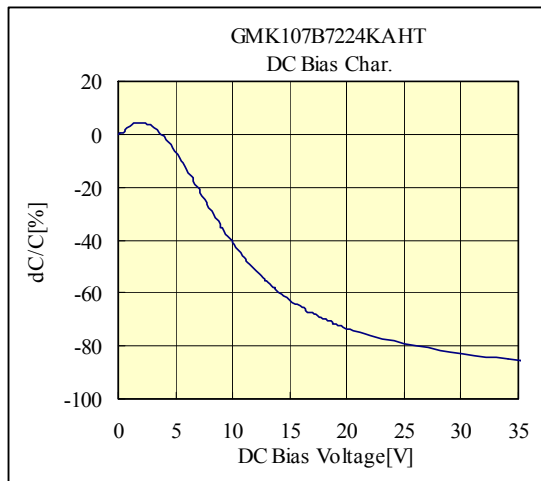
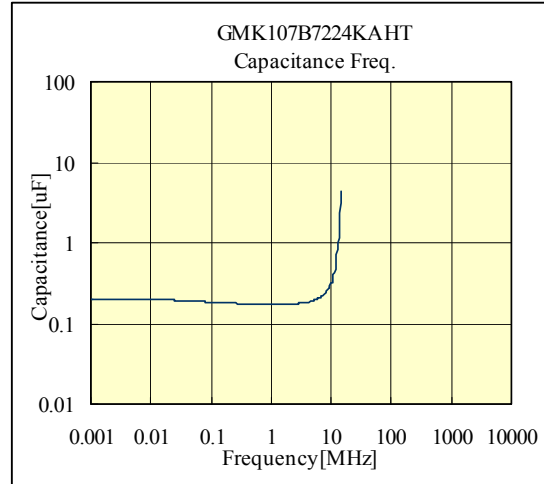
12R2A10

RoHS compliance product

○GMK107B7224KAHT

35V 1608 X7R 0.22 μ F +/- 10% t=0.9mmMAX

35V 0603 X7R 0.22 μ F +/- 10% t=0.035inchMAX



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