

Medium-High Voltage MLCC for Automotive / Industrial Applications

HMK107B7103MAHT



■ Features

- Item Summary
100V, X7R, 0.01 μ F, \pm 20%, 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) | 100V |
| Capacitance | 0.01 μ F |
| Capacitance Tolerance | \pm 20% |
| Resistance | 100 M Ω · μ F min. |
| Dielectric Loss Tangent | 3.5%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 |

2015.02.03

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

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-Electrical Characteristics Data-

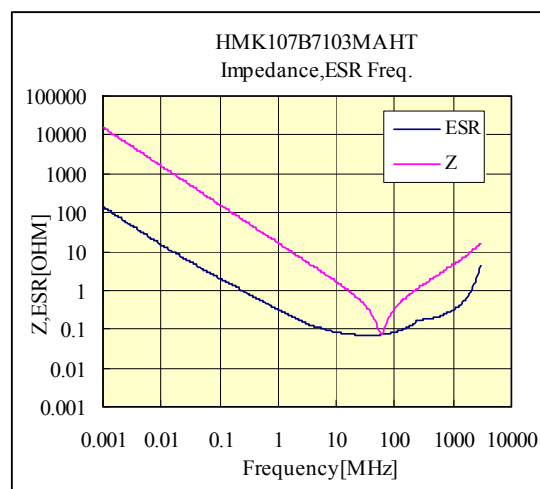
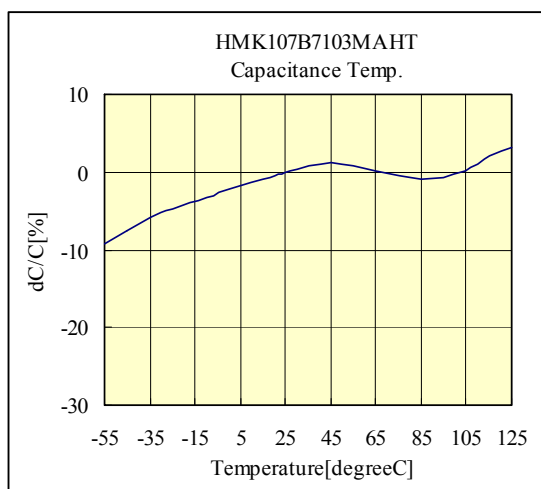
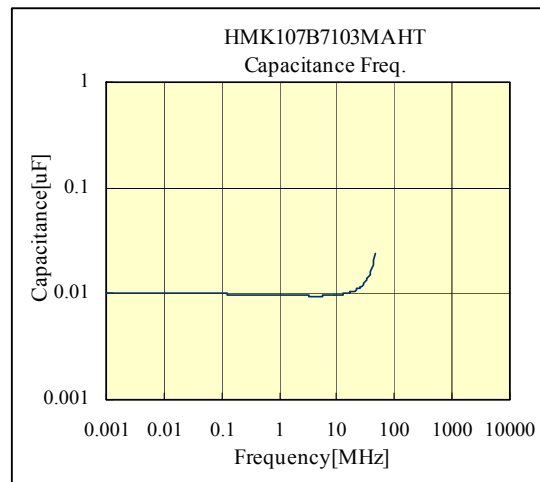
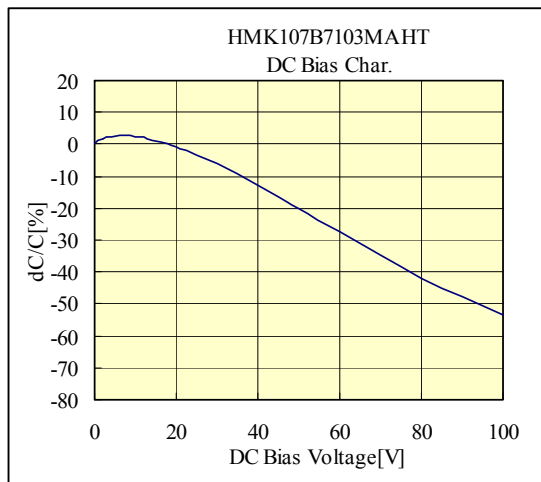
13QA01

RoHS compliance product

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100V 1608 X7R 0.01 μ F +/- 20% t=0.9mmMAX

100V 0603 X7R 0.01 μ F +/- 20% t=0.035inchMAX



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