

## Multilayer Ceramic Capacitors

## EMK107B7104KAHT



## ■ Features

- Item Summary  
0.1 $\mu$ F $\pm$ 10%, 16V,  
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 4000pcs

## ■ Products characteristics table

|   |                          |
|---|--------------------------|
| Capacitance                                   | 0.1 $\mu$ F $\pm$ 10 %   |
| Case Size (EIA/JIS)                           | 0603/1608                |
| Rated Voltage                                 | 16 V                     |
| $\tan \delta$ (max)                           | 3.5 %                    |
| Temperature Characteristic (EIA)              | X7R                      |
| Operating Temp. Range (EIA)                   | -55 to +125 °C           |
| High Temperature Loading<br>(% Rated Voltage) | 150 %                    |
| Insulation Resistance (min)                   | 500 M $\Omega$ · $\mu$ F |
| RoHS Compliance (10 subst.)                   | Yes                      |
| REACH Compliance (223 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 |

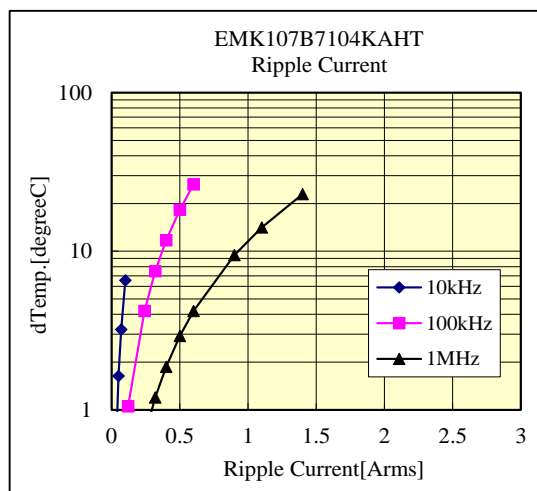
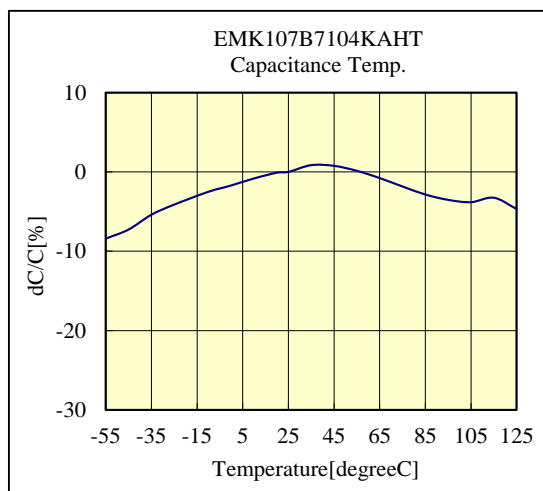
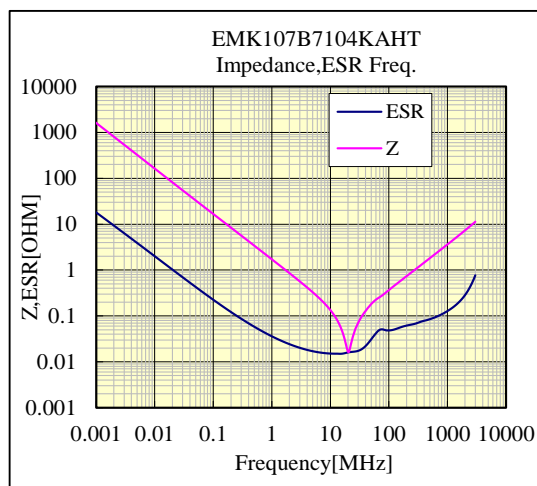
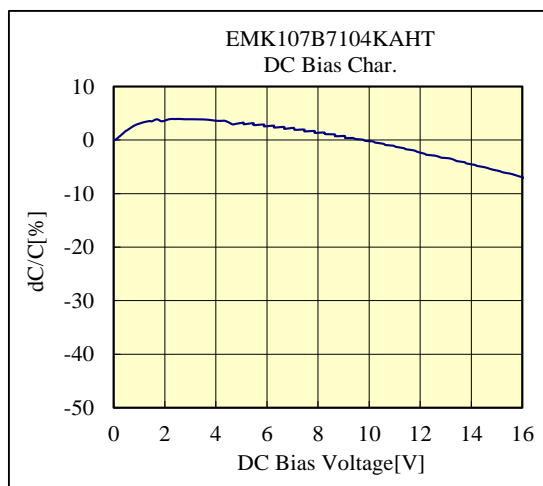
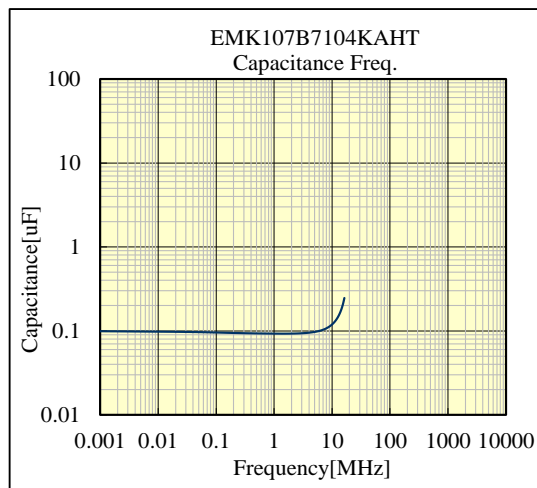
2022.06.02

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.

### ○EMK107B7104KAHT

**16V 1608 X7R 0.1uF +/- 10% t=0.9mmMAX**

**16V 0603 X7R 0.1uF +/- 10% t=0.035inchMAX**



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