

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK107BJ105MA-T



■ Features

- Item Summary
1uF±20%, 16V,
X5R/B, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

| | |
|---|---------------|
| Capacitance | 1 uF ± 20 % |
| Case Size (EIA/JIS) | 0603/1608 |
| Rated Voltage | 16 V |
| tan δ (max) | 5 % |
| Temperature Characteristic (EIA) | X5R |
| Operating Temp. Range (EIA) | -55 to +85 °C |
| Temperature Characteristic (JIS) | B |
| Operating Temp. Range (JIS) | -25 to +85 °C |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 MΩ · μF |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (173 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 |

2017.04.30

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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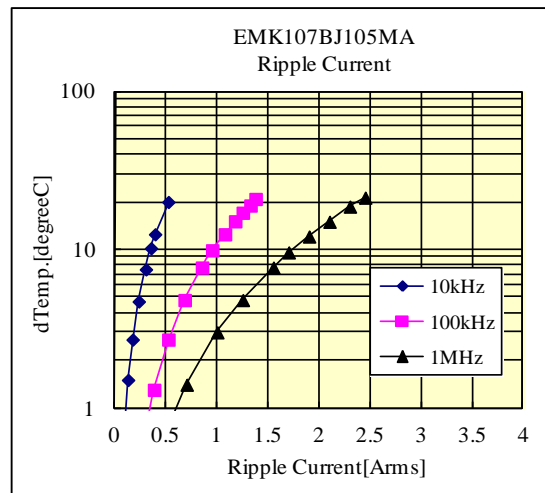
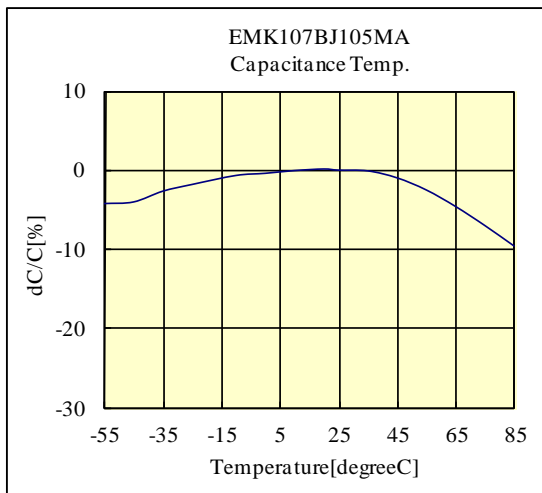
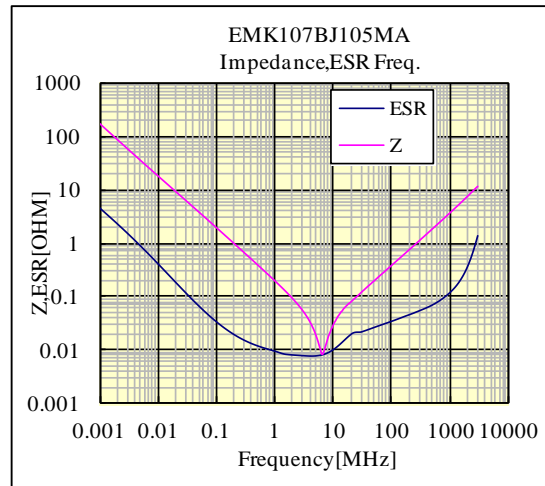
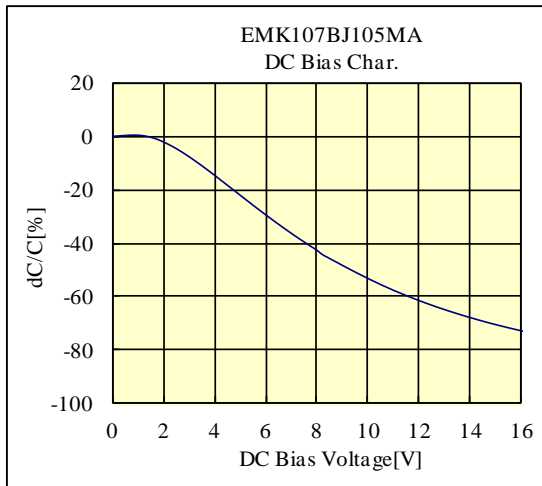
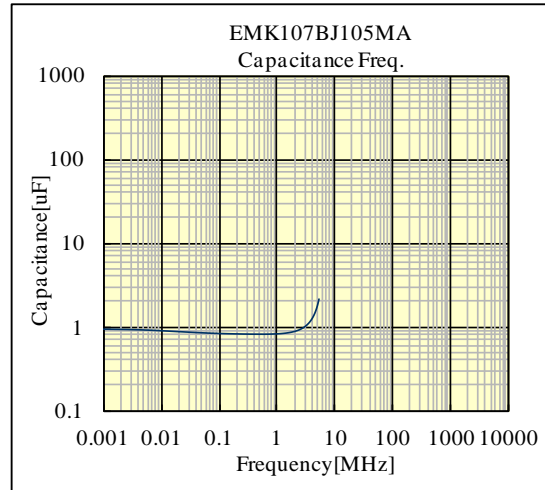
-Electrical Characteristics Data-

16HA03

RoHS compliance product

○EMK107BJ105MA

16V 1608 B/X5R 1uF +/- 20% t=0.9mmMAX
16V 0603 B/X5R 1uF +/- 20% t=0.035inchMAX



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