

Multilayer Ceramic Capacitors

EMK107BB7225MA-T



■ Features

- Item Summary
2.2 μ F \pm 20%, 16V,
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 2.2 μ F \pm 20 % |
| Case Size (EIA/JIS) | 0603/1608 |
| Rated Voltage | 16 V |
| $\tan \delta$ (max) | 10 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 M Ω · μ F |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

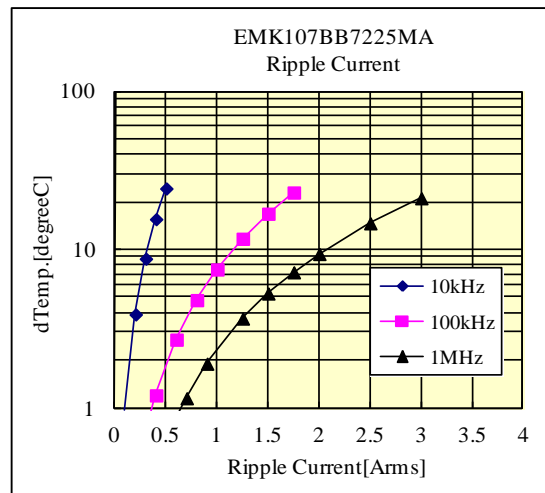
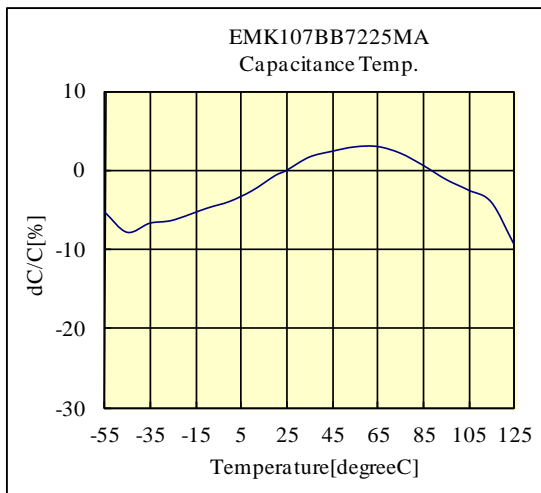
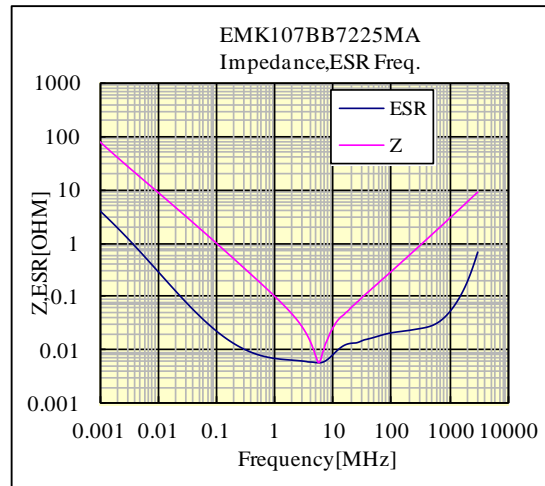
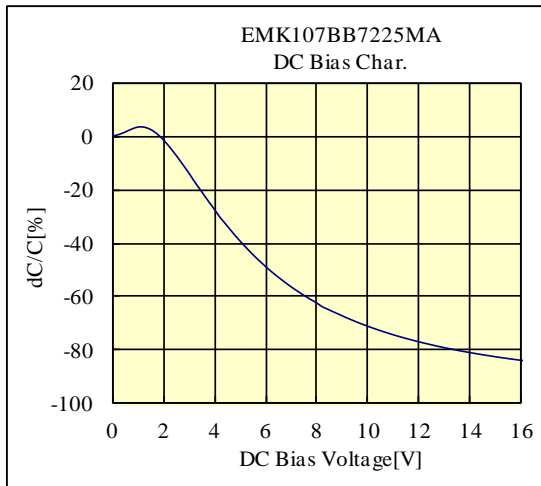
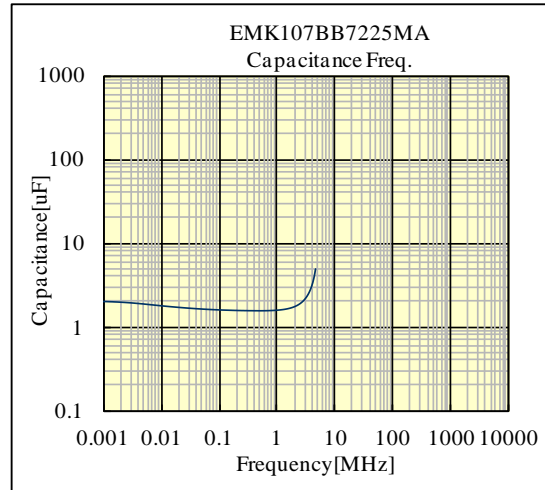
| | |
|-------------|--------------------|
| Dimension L | 1.6 +0.20/-0.00 mm |
| Dimension W | 0.8 +0.20/-0.00 mm |
| Dimension T | 0.8 +0.20/-0.00 mm |
| Dimension e | 0.35 \pm 0.25 mm |

2022.06.02

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.
 Before making final selection, please check product specification.

○EMK107BB7225MA

16V 1608 X7R 2.2uF +/- 20% t=1.0mmMAX
16V 0603 X7R 2.2uF +/- 20% t=0.039inchMAX



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