



**THE DATASHEET OF
EMK107BB7225KA-T**



Multilayer Ceramic Capacitors

EMK107BB7225KA-T



■ Features

- Item Summary
2.2 μ F \pm 10%, 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 10 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	16 V
tan δ (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.

Multi Layer Ceramic Capacitor

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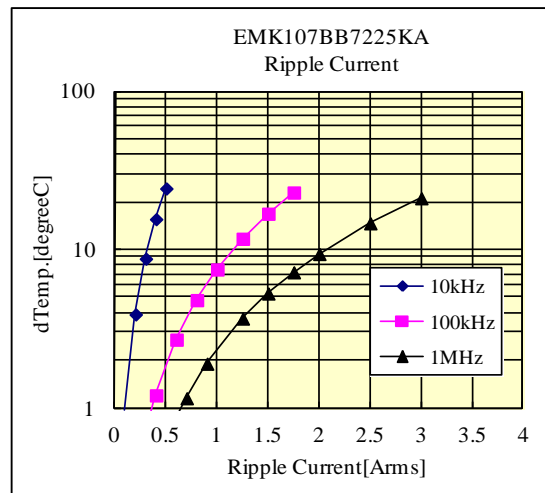
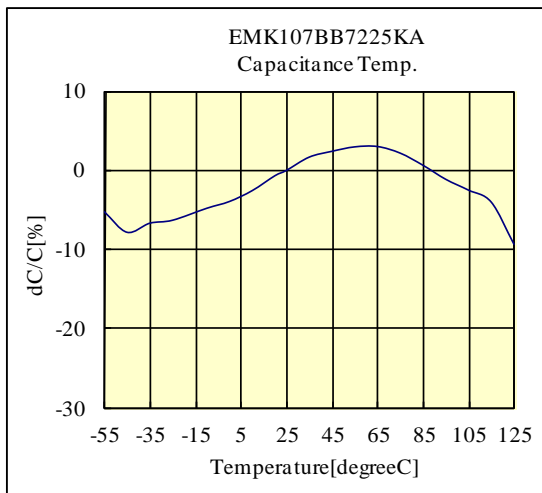
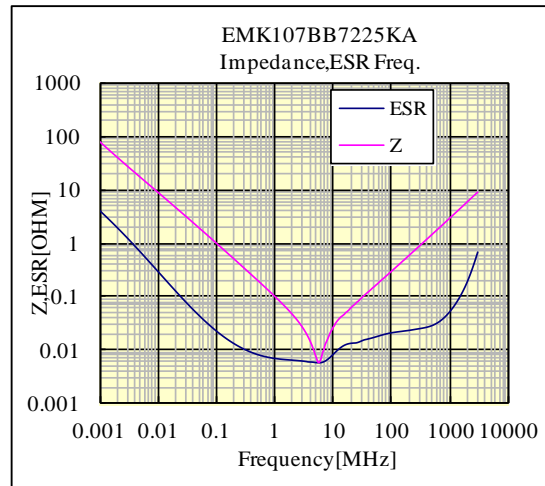
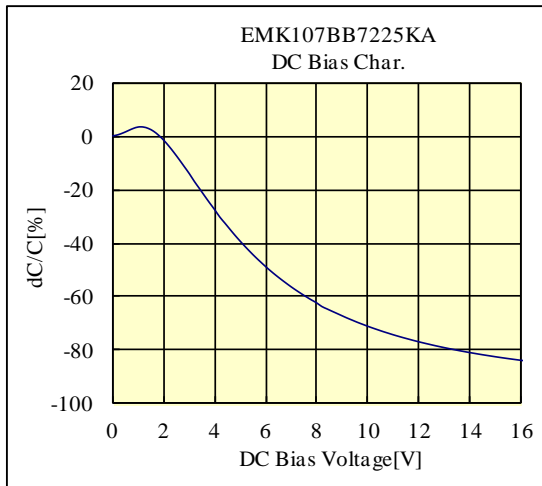
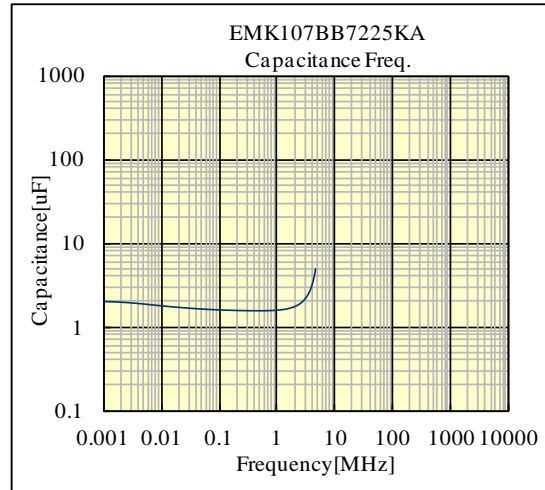
-Electrical Characteristics Data-

16R2A03

RoHS compliance product

○EMK107BB7225KA

16V 1608 X7R 2.2uF +/- 10% t=1.0mmMAX
16V 0603 X7R 2.2uF +/- 10% t=0.039inchMAX



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