

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK107B7105MA-T



■ Features

- Item Summary
16V, X7R, 1 μ F, \pm 20%, 0603
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0603/1608
Rated Voltage (max)	16V
Capacitance	1 μ F
Capacitance Tolerance	\pm 20%
Resistance	100 M Ω · μ F min.
Dielectric Loss Tangent	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

2014.12.01

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

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

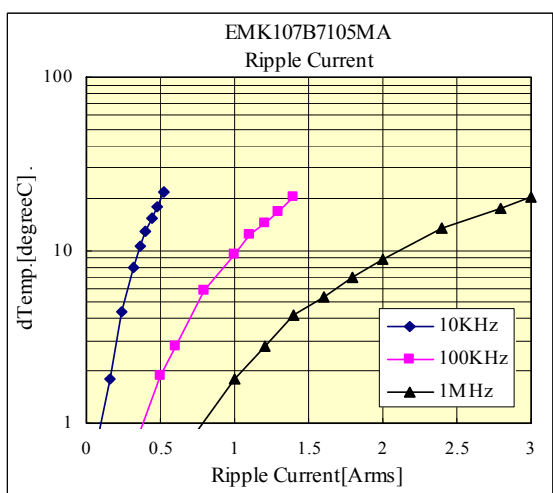
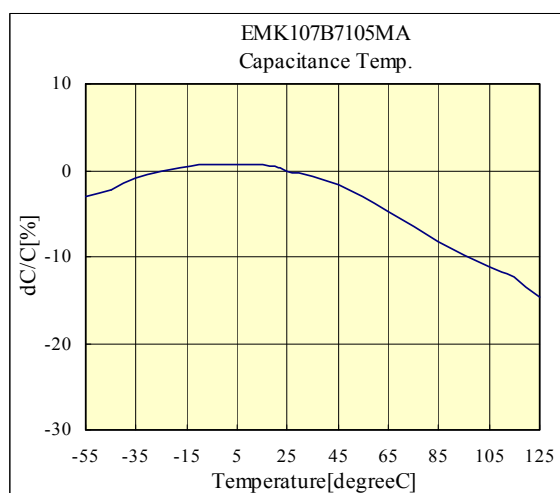
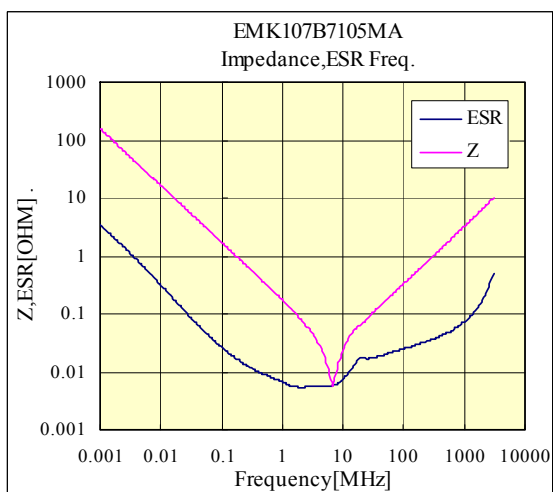
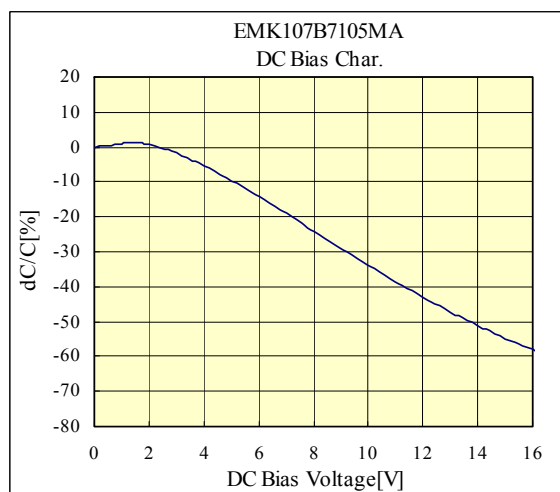
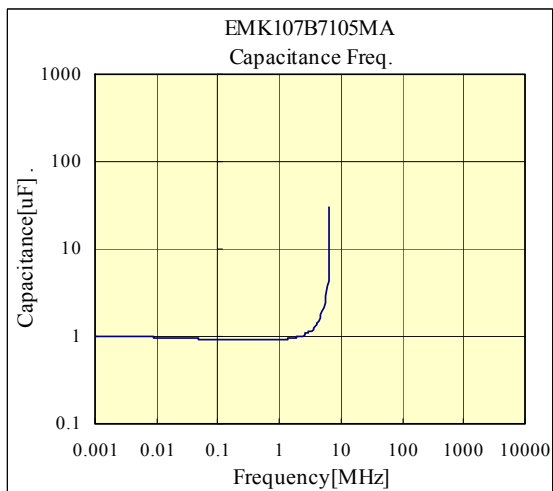
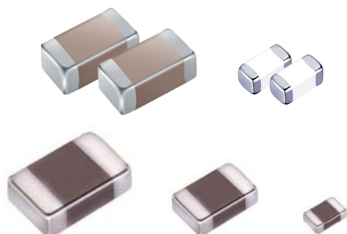
10QA08

RoHS compliance product

○EMK107B7105MA

16V 1608 X7R 1uF +/-20% t=0.9mmMAX

16V 0603 X7R 1uF +/-20% t=0.035inchMAX



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