

## Multilayer Ceramic Capacitors (High dielectric type)

## EMK107F105ZA-T



## ■ Features

- Item Summary  
1 $\mu$ F+80%/-20%, 16V,  
Y5V/F, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Phaseout
- Standard packaging quantity (minimum)  
Taping Paper 4000pcs

## ■ Products characteristics table

Capacitance	1 $\mu$ F +80%/-20%
Case Size (EIA/JIS)	0603/1608
Rated Voltage	16 V
$\tan \delta$ (max)	16 %
Temperature Characteristic (EIA)	Y5V
Operating Temp. Range (EIA)	-30 to +85 °C
Temperature Characteristic (JIS)	F
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 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

2021.07.01

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

# Multi Layer Ceramic Capacitor

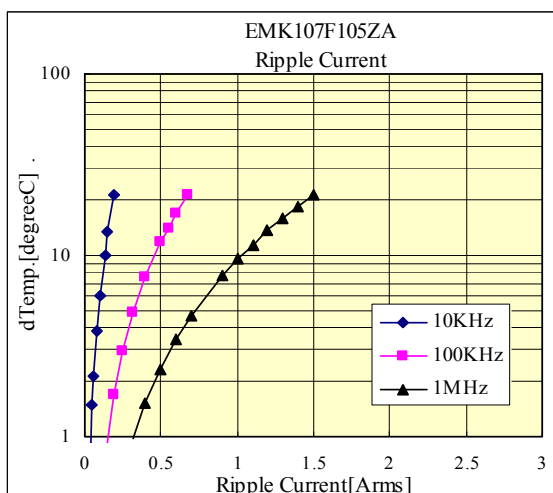
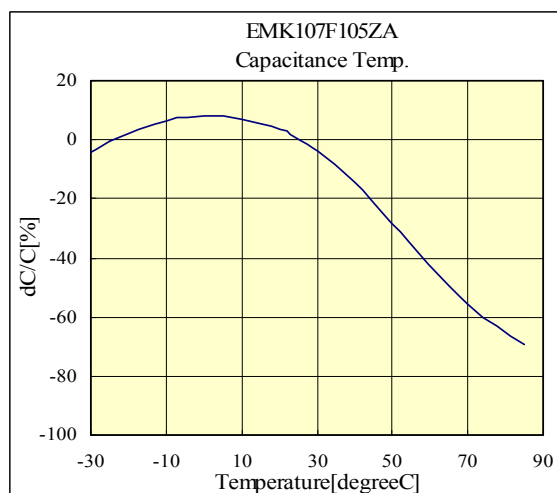
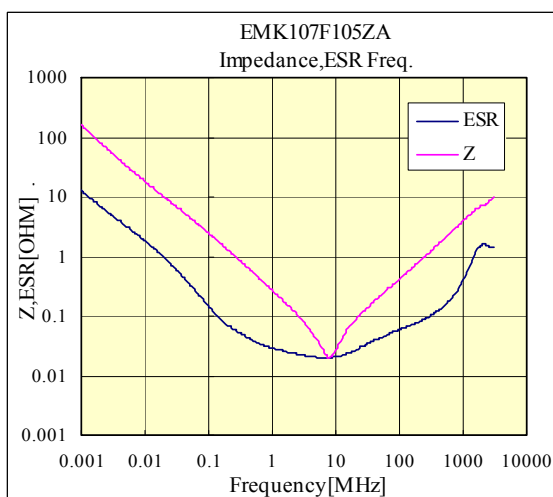
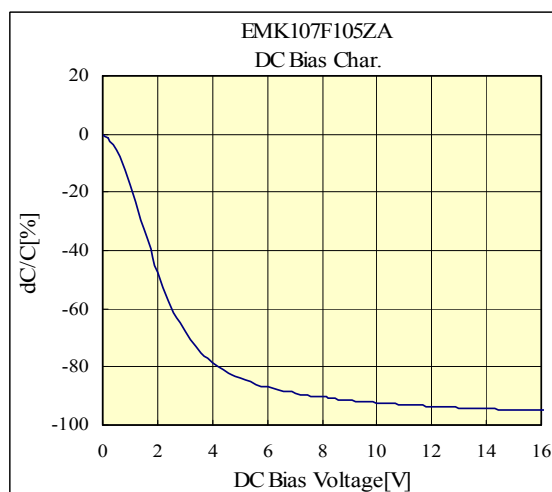
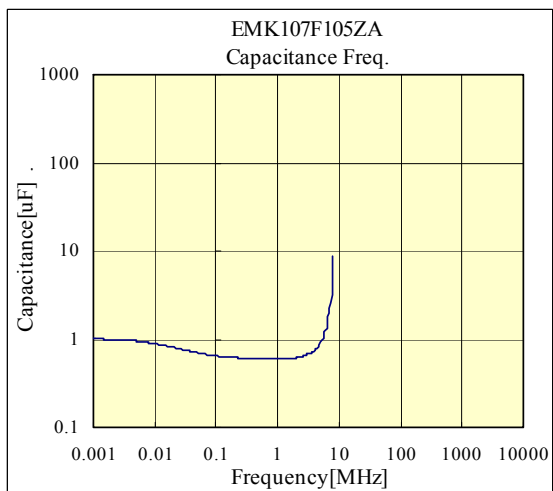
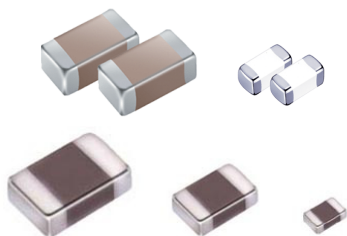
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-Electrical Characteristics Data- Aug-2010

RoHS compliance product

## ○EMK107F105ZA

16V 1608 F/Y5V 1uF +80/-20% t=0.9mmMAX  
16V 0603 F/Y5V 1uF +80/-20% t=0.035inchMAX



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