

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK212F225ZG-T



■ Features

- Item Summary
16V, Y5V, 2.2 μ F, -20% to 80%, 0805
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Rated Voltage (max)	16V
Capacitance	2.2 μ F
Capacitance Tolerance	-20% to 80%
Resistance	500 M Ω μ F
Dielectric Loss Tangent	7%MAX
Temperature Characteristics (EIA/JIS)	Y5V/F
Temperature Range (EIA/JIS)	-30 to +85 $^{\circ}$ C/-25 to +85 $^{\circ}$ C
Capacitance Change (EIA/JIS)	-82,+22/-80,+30%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow/Wave

■ External Dimensions

L	2.0mm \pm 0.10
W	1.25mm \pm 0.10
T	1.25mm \pm 0.10
e	0.5mm \pm 0.25

2014.12.02

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

Multi Layer Ceramic Capacitor

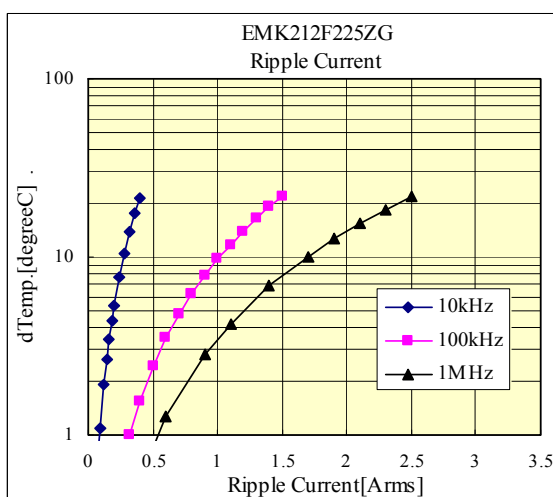
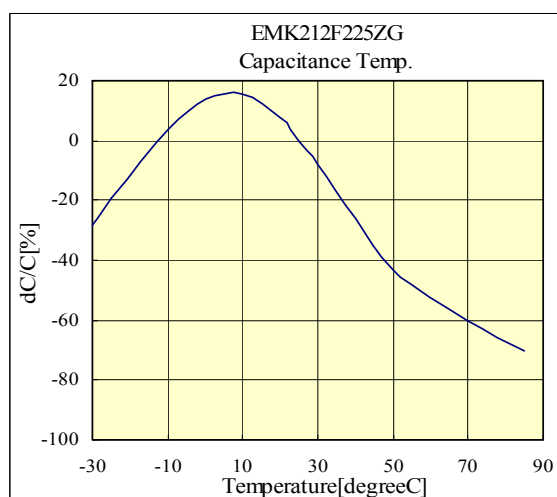
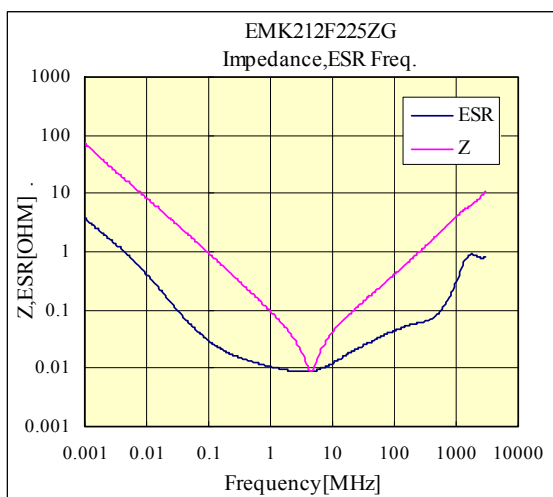
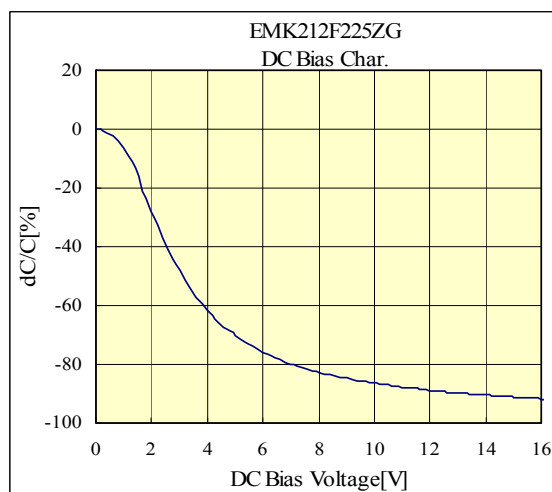
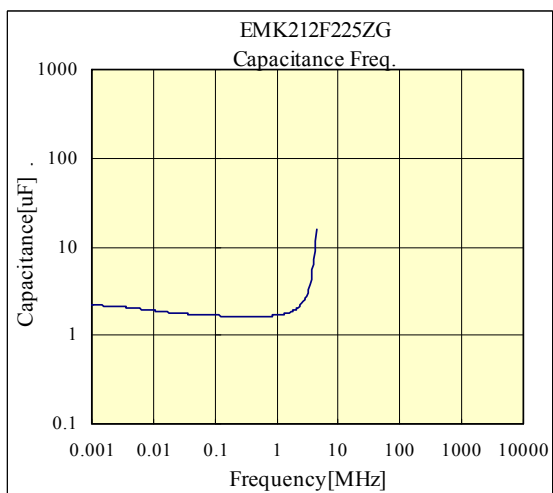
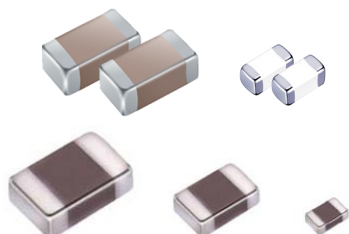
TAIYO YUDEN

-Electrical Characteristics Data- Aug-2010

RoHS compliance product

○EMK212F225ZG

16V 2012 F/Y5V 2.2uF +80/-20% t=1.35mmMAX
16V 0805 F/Y5V 2.2uF +80/-20% t=0.053inchMAX



部品特性は設置環境、測定条件等により変化する場合があります。本データをご使用される際は実際の製品特性に対する参考データとしてご利用ください。また、本データは予告無く追加・削除及び変更を行う場合があります。ご注文の際は、納入仕様書のご確認をお願いします。

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