

High Value Multilayer Ceramic Capacitors (High dielectric type)

UMK212F105ZG-T



■ Features

- Item Summary
1uF+80%/-20%, 50V,
Y5V/F, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	1 uF +80%/-20%
Case Size (EIA/JIS)	0805/2012
Rated Voltage	50 V
tan δ (max)	7 %
Temperature Characteristic (EIA)	Y5V
Operating Temp. Range (EIA)	-30 to +85 °C
Temperature Characteristic (JIS)	F
Operating Temp. Range (JIS)	-25 to +85 °C
HALT (% Rated Voltage)	200 %
Insulation Resistance (min)	500 MΩ · μF
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow/Wave

■ External Dimensions

Dimension L	2.0 ±0.10 mm
Dimension W	1.25 ±0.10 mm
Dimension T	1.25 ±0.10 mm
Dimension e	0.50 ±0.25 mm

2016.01.25

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

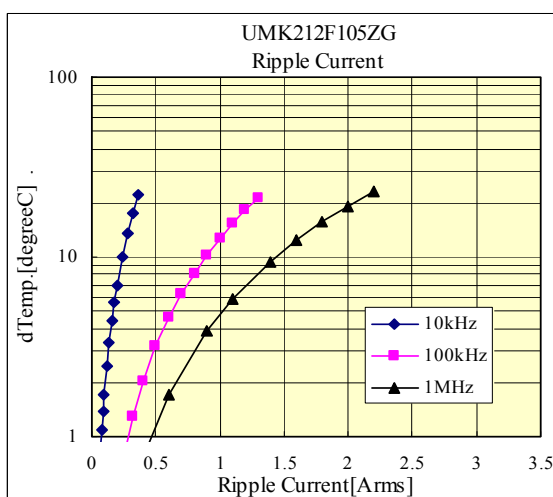
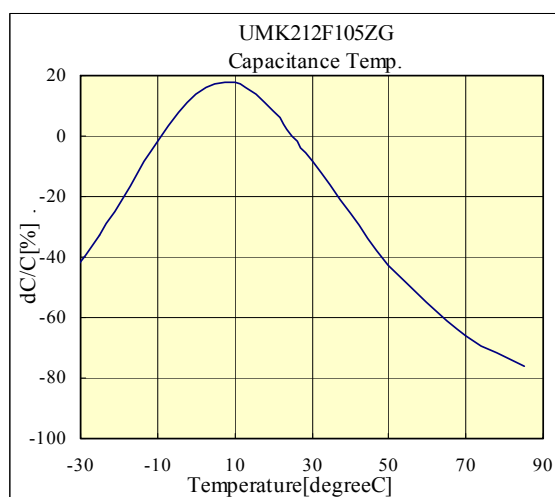
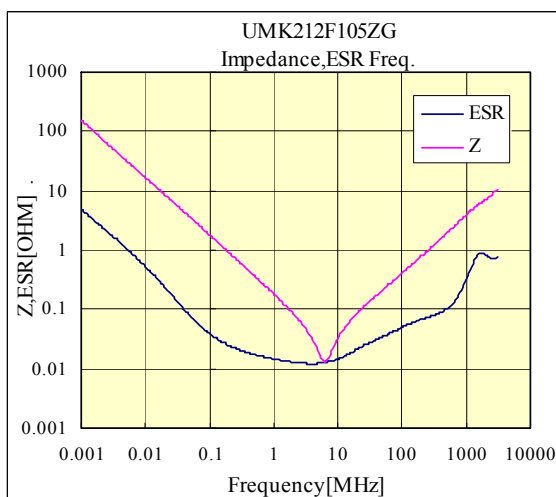
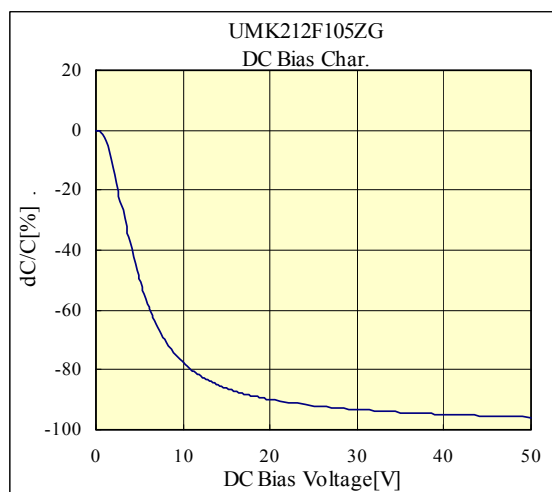
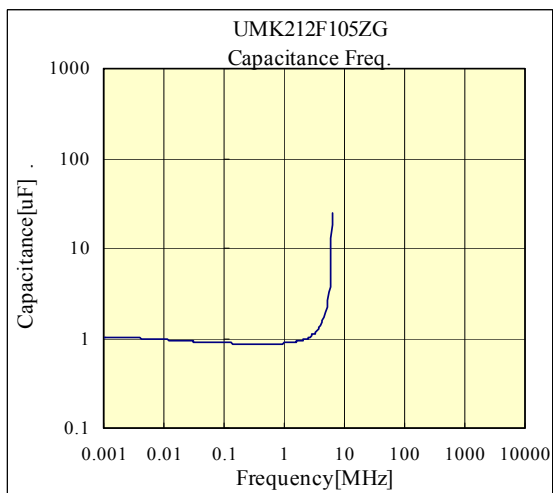
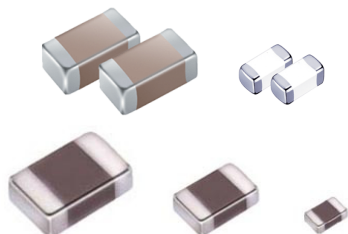
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-Electrical Characteristics Data- Aug-2010

RoHS compliance product

○UMK212F105ZG

50V 2012 F/Y5V 1uF +80/-20% t=1.35mmMAX
50V 0805 F/Y5V 1uF +80/-20% t=0.053inchMAX



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