

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
Non-preferred
- 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
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 MΩ · μF
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	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

2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

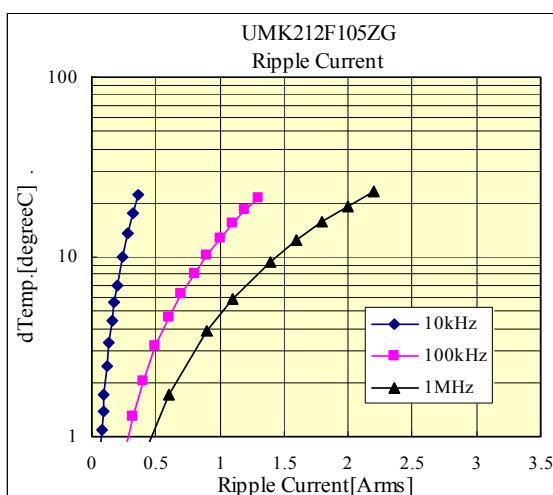
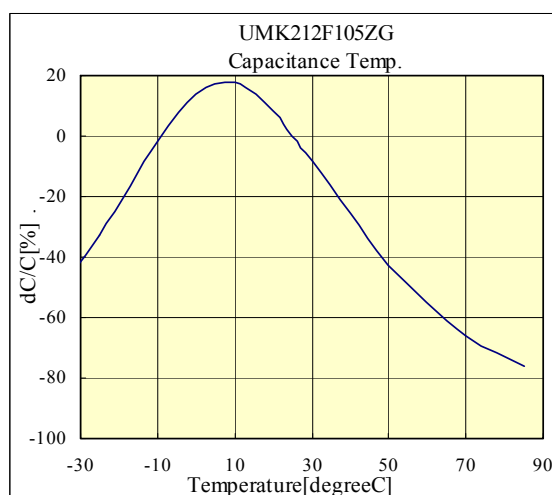
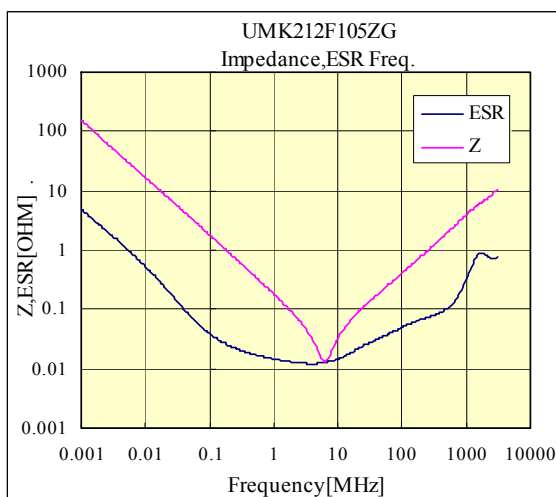
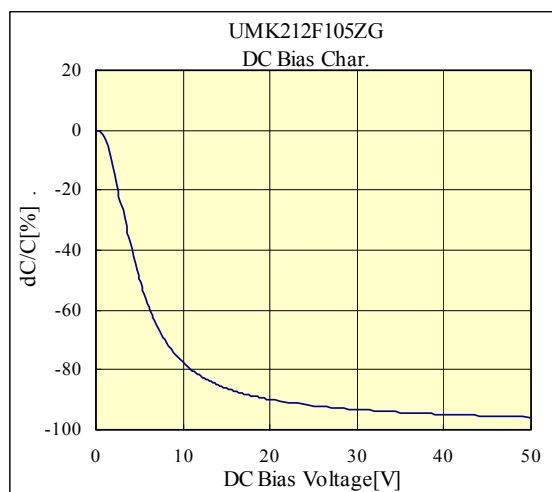
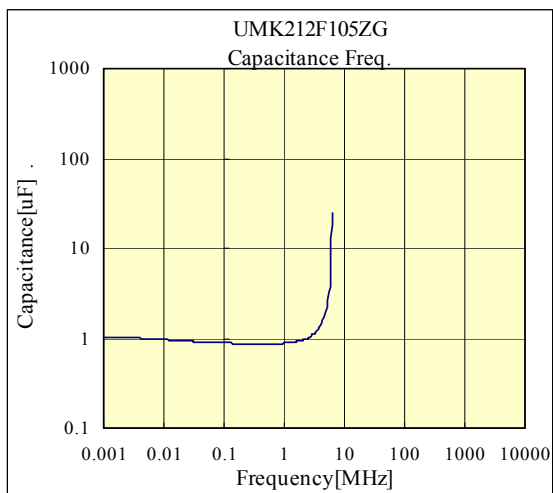
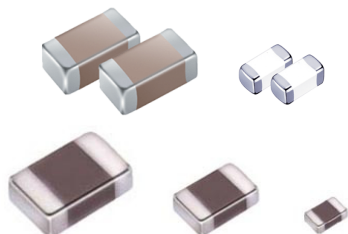
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-Electrical Characteristics Data- Aug-2010

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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