

## High Value Multilayer Ceramic Capacitors (High dielectric type)

## UMK212BJ105MG-T



## ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 50V,  
X5R/B, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

## ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	50 V
$\tan \delta$ (max)	5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (181 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow/Wave

## ■ External Dimensions

Dimension L	2.0 $\pm$ 0.10 mm
Dimension W	1.25 $\pm$ 0.10 mm
Dimension T	1.25 $\pm$ 0.10 mm
Dimension e	0.50 $\pm$ 0.25 mm

2018.08.20

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

# TAIYO YUDEN

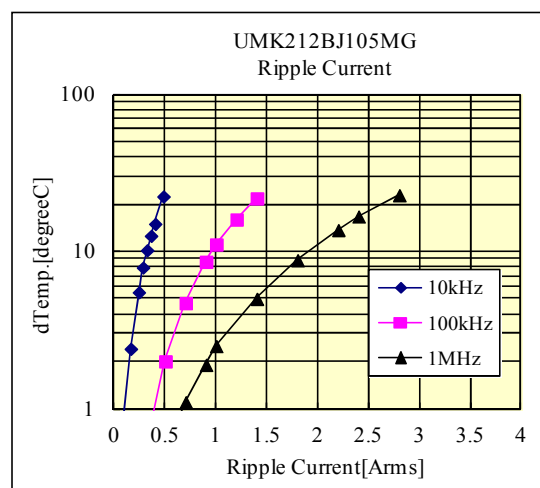
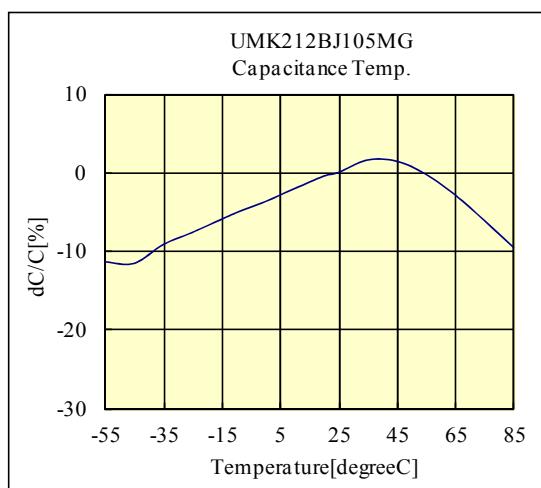
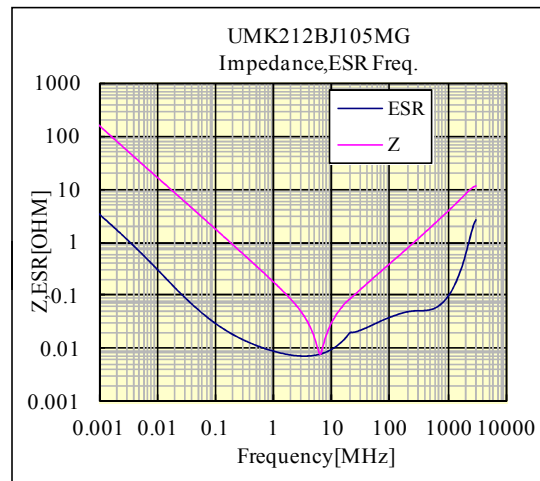
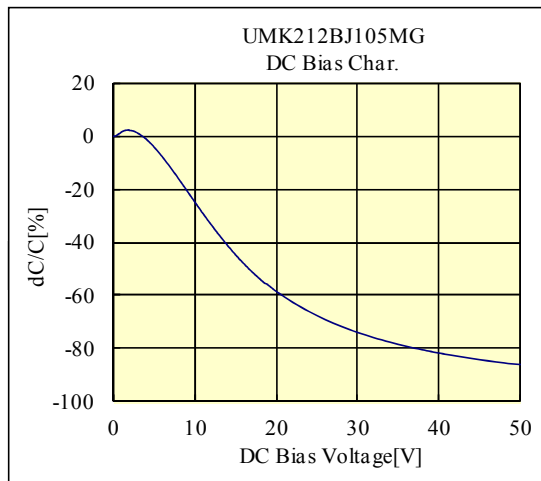
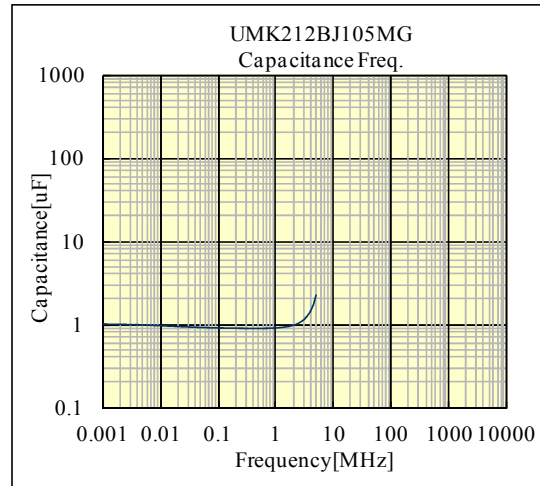
-Electrical Characteristics Data-

16YA03

RoHS compliance product

## ○UMK212BJ105MG

50V 2012 B/X5R 1uF +/- 20% t=1.35mmMAX  
50V 0805 B/X5R 1uF +/- 20% t=0.053inchMAX



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