

## Multilayer Ceramic Capacitors

## UMK212AB7105MD-T



## ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 50V,  
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Paper 4000pcs

## ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	50 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	2.0 +0.15/-0.05 mm
Dimension W	1.25 +0.15/-0.05 mm
Dimension T	0.85 $\pm$ 0.10 mm
Dimension e	0.50 $\pm$ 0.25 mm

2022.05.31

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 **TAIYO YUDEN**

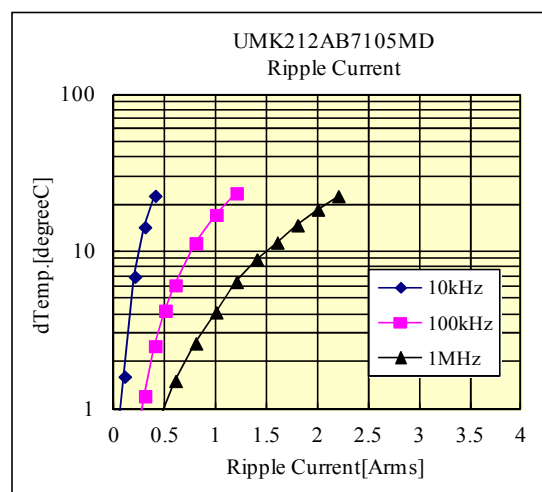
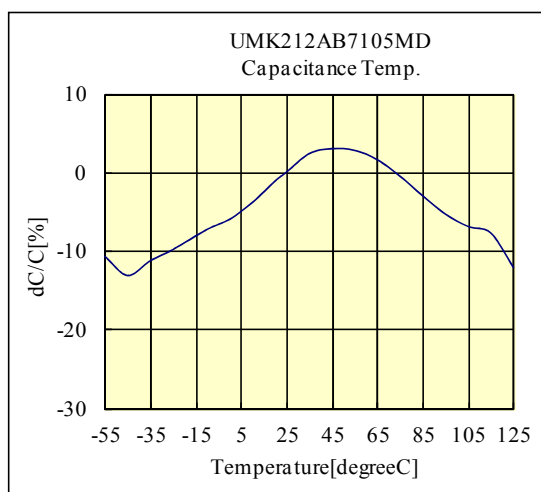
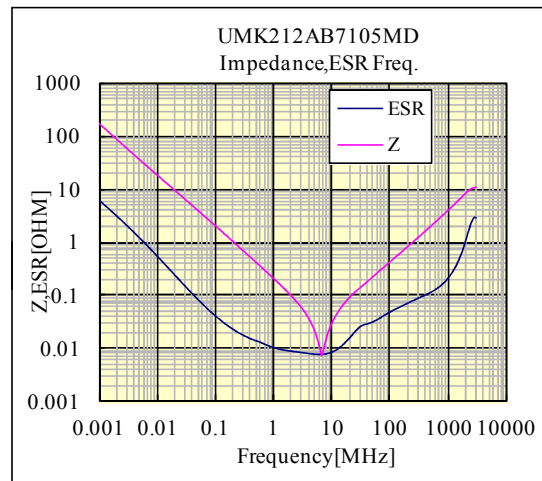
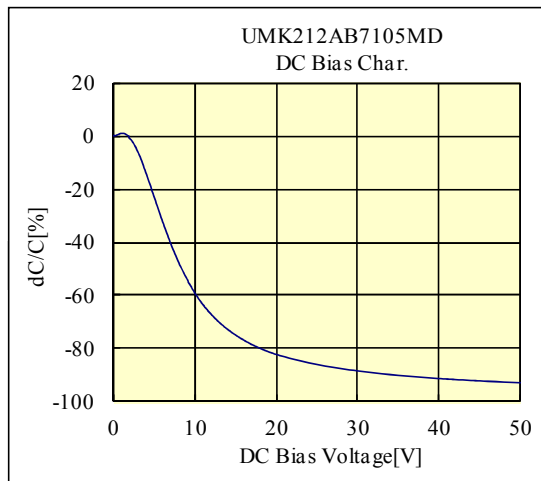
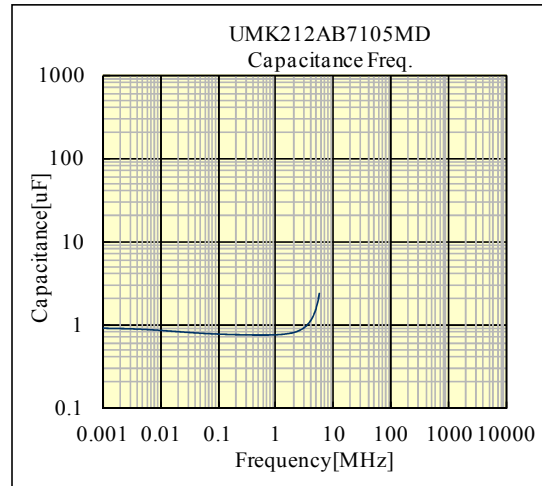
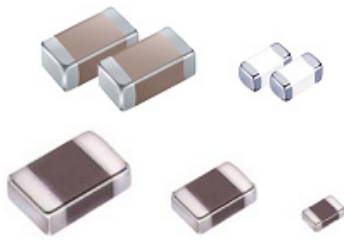
-Electrical Characteristics Data-

16R2A03

RoHS compliance product

## ○UMK212AB7105MD

**50V 2012 X7R 1 $\mu$ F +/- 20% t=0.95mmMAX**  
**50V 0805 X7R 1 $\mu$ F +/- 20% t=0.037inchMAX**



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