

## High Reliability (Automotive) Application Multilayer Ceramic

## UMR212B7104KG-T



## ■ Features

- Item Summary  
50V, X7R, 0.1  $\mu$ F,  $\pm$ 10%, 0805
- Lifecycle Stage  
Mass Production
- meet AEC-Q200 requirements
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

## ■ Products characteristics table

External Dimensions (EIA/JIS)	0805/2012
Rated Voltage (max)	50V
Capacitance	0.1 $\mu$ F
Capacitance Tolerance	$\pm$ 10%
Resistance	500 M $\Omega$ · $\mu$ F min.
Dielectric Loss Tangent	3.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	$\pm$ 15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ 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

2015.01.15

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**

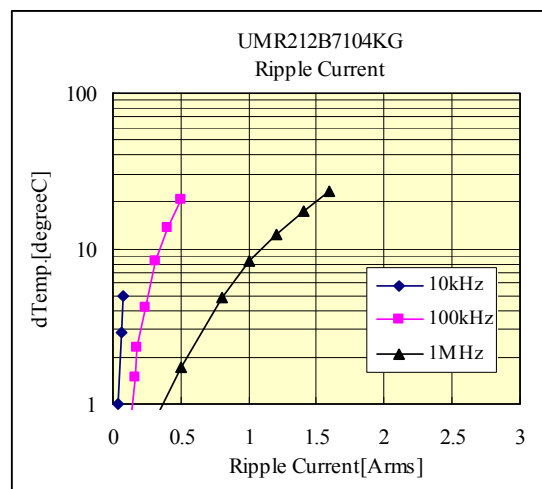
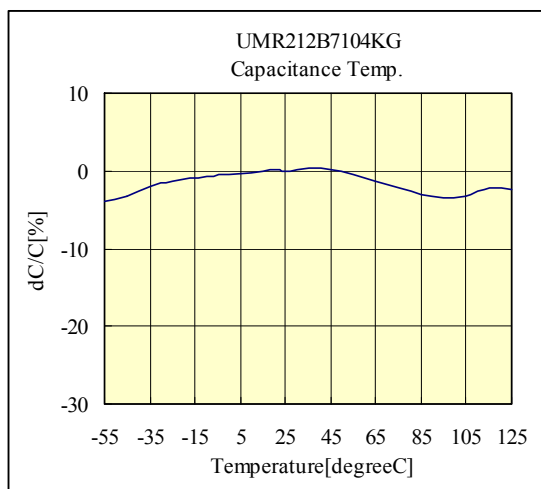
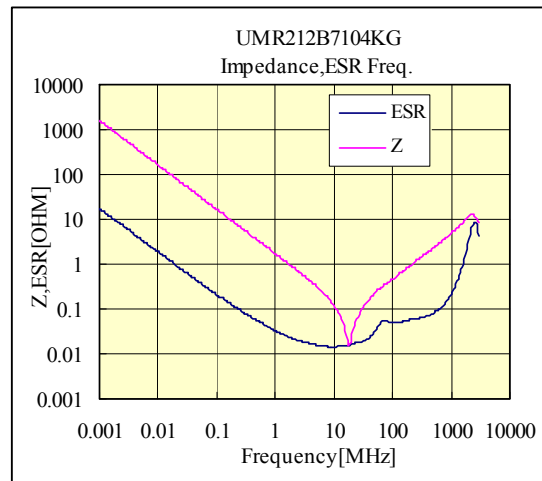
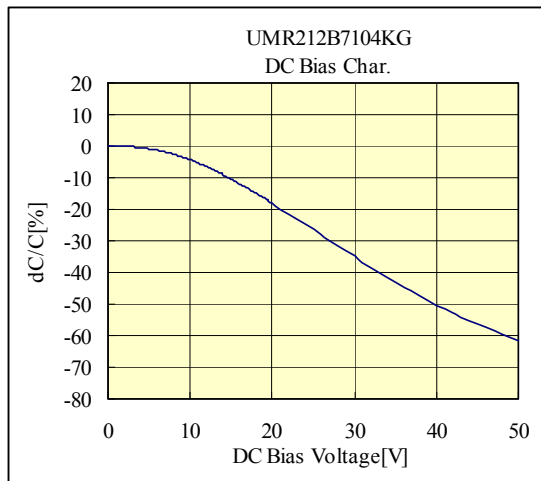
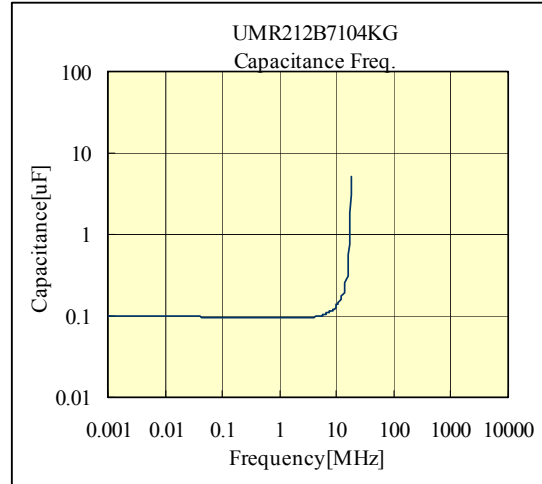
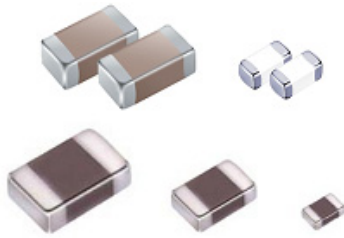
-Electrical Characteristics Data-

12QA02

RoHS compliance product

## ○UMR212B7104KG

**50V 2012 X7R 0.1 $\mu$ F +/- 10% t=1.35mmMAX**  
**50V 0805 X7R 0.1 $\mu$ F +/- 10% t=0.053inchMAX**



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