

High Value Multilayer Ceramic Capacitors (High dielectric type)

UMK107BJ105KA-T



■ Features

- Item Summary  
50V, X5R, 1  $\mu$ F,  $\pm$ 10%, 0603
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0603/1608
Rated Voltage (max)	50V
Capacitance	1 $\mu$ F
Capacitance Tolerance	$\pm$ 10%
Temperature Characteristics (EIA/JIS)	X5R/-
Temperature Range (EIA/JIS)	-55 to +85°C/-
Capacitance Change (EIA/JIS)	$\pm$ 15/-%
Dielectric Loss Tangent	10%MAX
Resistance	500 M $\Omega$ · $\mu$ F min.
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	1.6mm $\pm$ 0.10
W	0.8mm $\pm$ 0.10
T	0.8mm $\pm$ 0.10
e	0.35mm $\pm$ 0.25

2015.07.11

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-

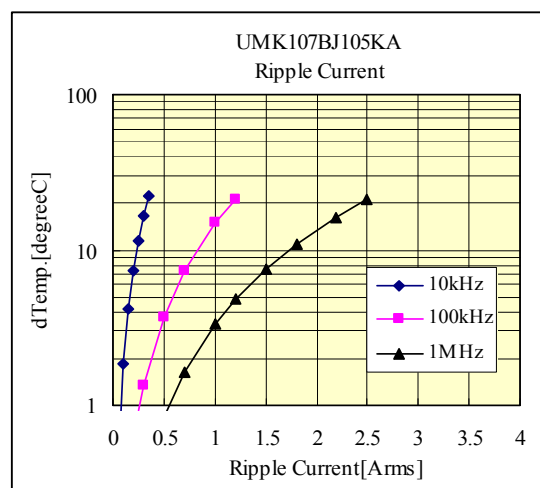
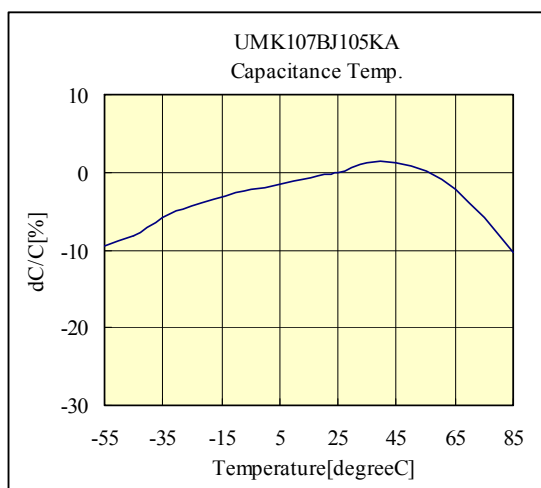
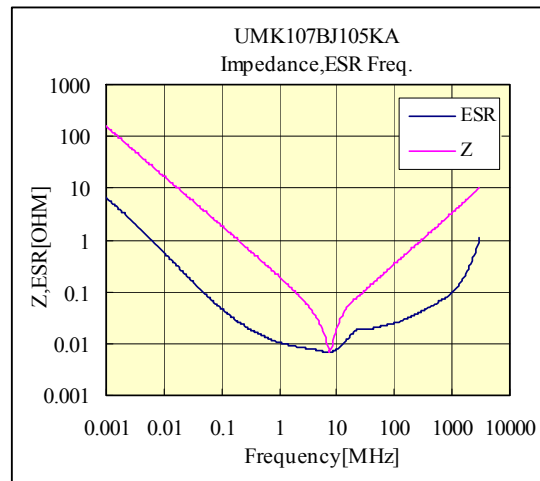
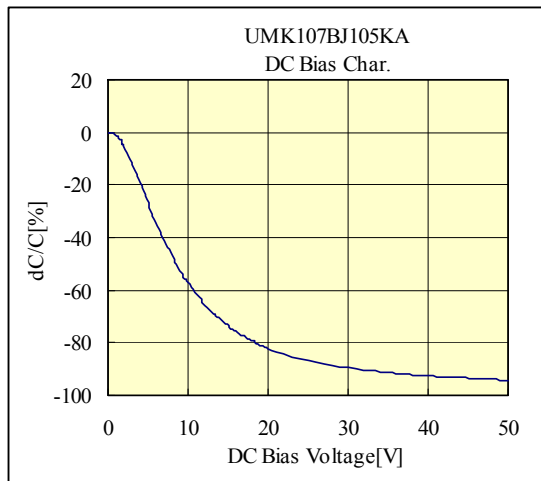
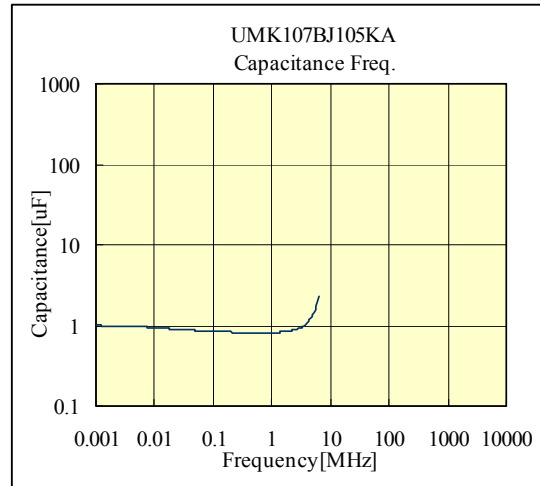
13JA05

RoHS compliance product

## ○UMK107BJ105KA

**50V 1608 X5R 1 $\mu$ F +/- 10% t=0.9mmMAX**

**50V 0603 X5R 1 $\mu$ F +/- 10% t=0.035inchMAX**



部品特性は設置環境、測定条件等により変化する場合があります。本データをご使用される際は実際の製品特性に対する参考データとしてご利用ください。また、本データは予告無く追加・削除及び変更を行う場合があります。ご注文の際は、納入仕様書のご確認をお願いします。

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