

High Value Multilayer Ceramic Capacitors (High dielectric type)

UMK107F104ZA-T



■ Features

- Item Summary  
0.1uF+80%/-20%, 50V,  
Y5V/F, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Non-preferred
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

■ Products characteristics table

Capacitance	0.1 uF +80%/-20%
Case Size (EIA/JIS)	0603/1608
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	1.6 ±0.10 mm
Dimension W	0.8 ±0.10 mm
Dimension T	0.8 ±0.10 mm
Dimension e	0.35 ±0.25 mm

2017.04.30

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

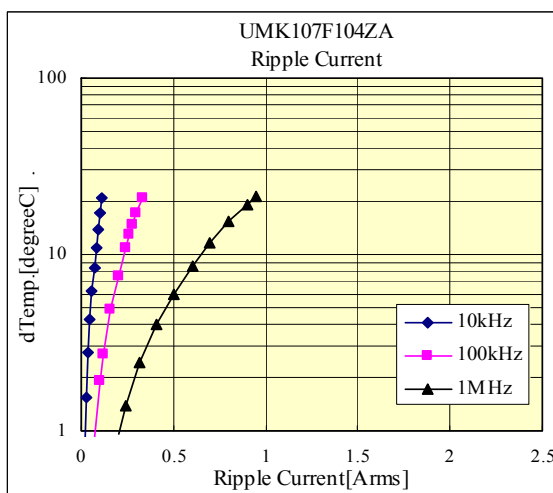
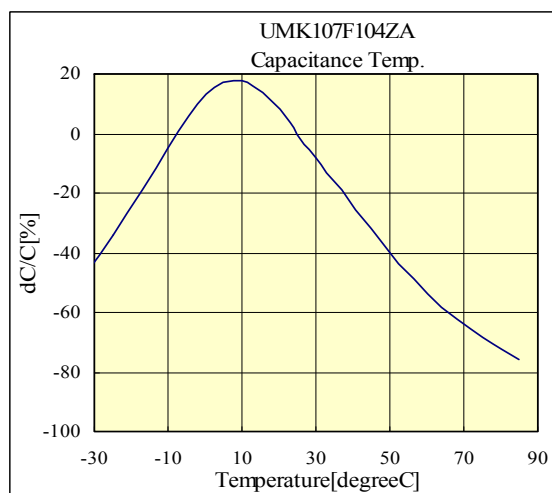
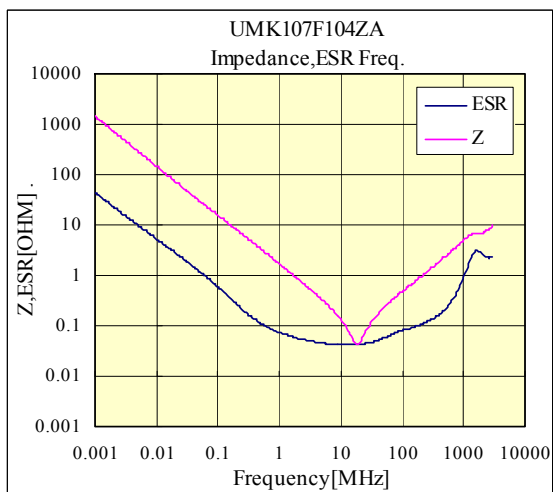
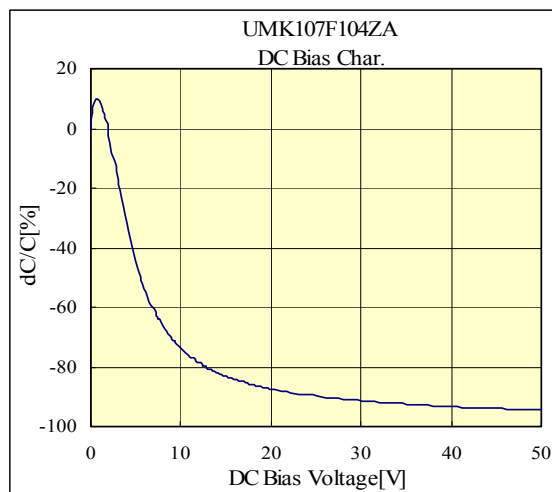
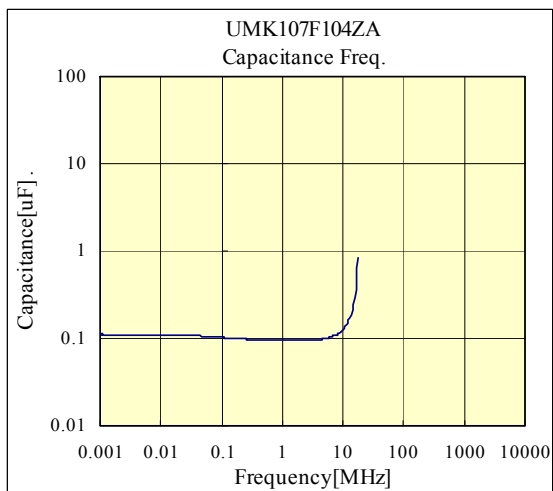
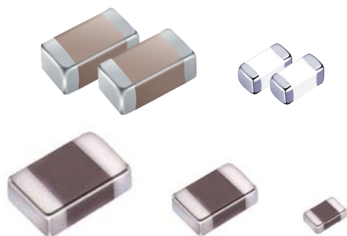
# TAIYO YUDEN

-Electrical Characteristics Data- Aug-2010

RoHS compliance product

## ○UMK107F104ZA

50V 1608 F/Y5V 0.1uF +80/-20% t=0.9mmMAX  
50V 0603 F/Y5V 0.1uF +80/-20% 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活用ください。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